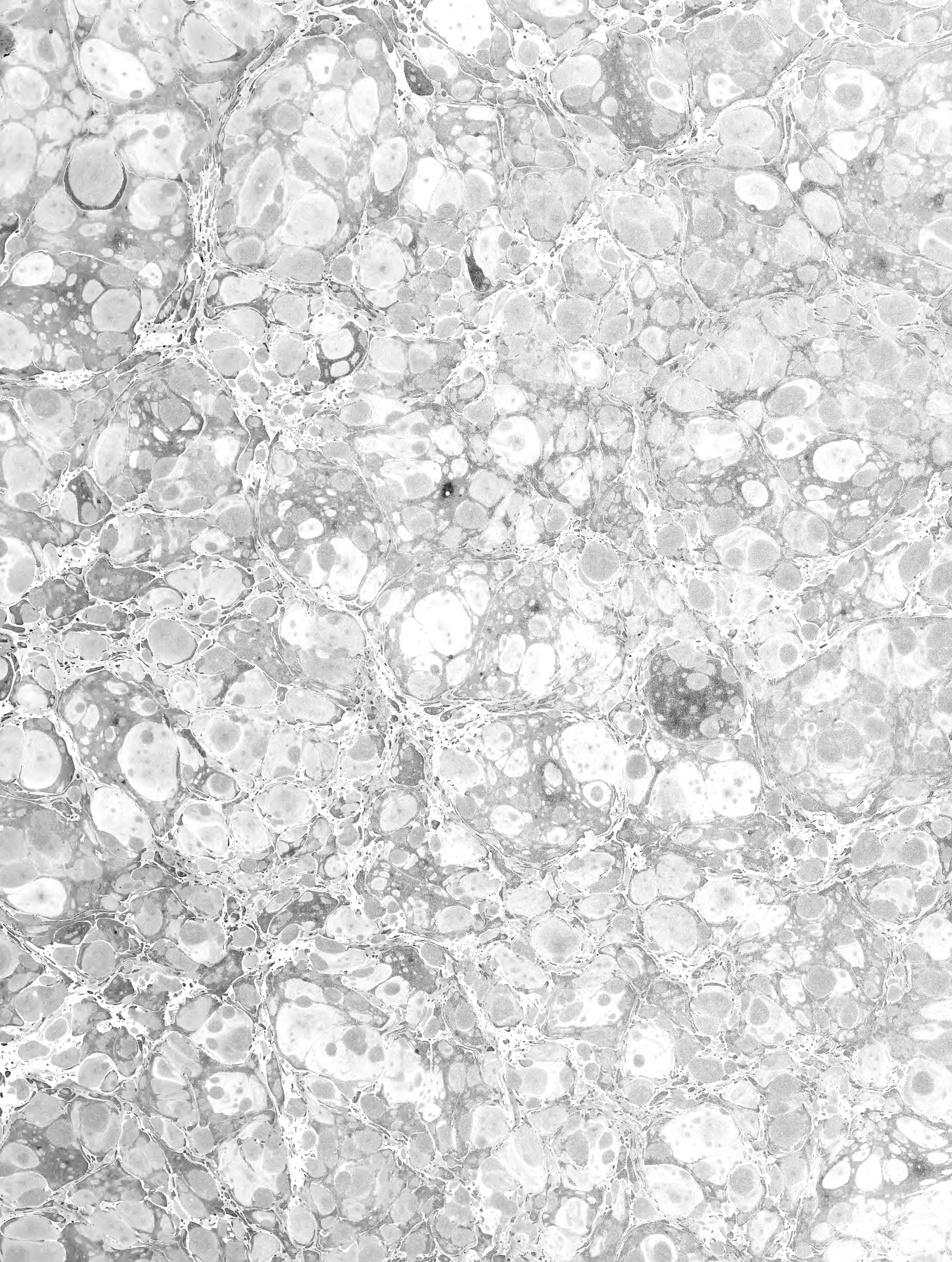


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AMERICAN ORNITHOLOGY

Alexander Wilson
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Charles Lucian Bonaparte
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WITH THE ADDITION OF
Numerous RECENTLY DISCOVERED Species
AND Representations of
The Whole Sylva
OF
NORTH AMERICA.

BY
Captain Thomas Brown.

FLS. MWS. MKS. MPS.

LATE PRESIDENT OF THE ROYAL PHYSICAL SOCIETY.

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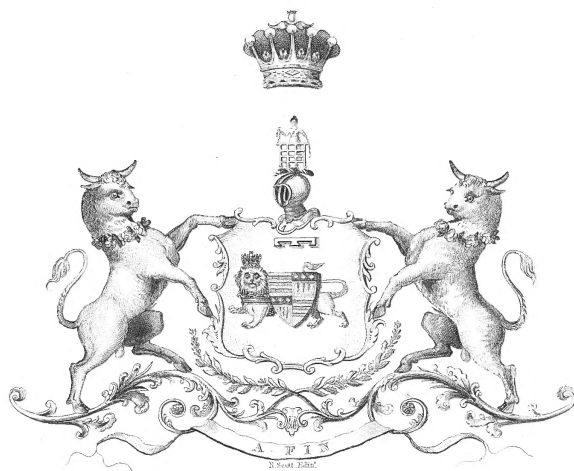
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TO

The Right Honourable

David

Earl of Fife

Lord Lieutenant of the County of Forfar

&c. &c. &c.

This

WORK IS INSCRIBED

BY

His Faithful Humble Servant

Thomas Brown.

SYSTEMATIC INDEX.

The arrangement adopted is that of Temminck, slightly altered, with the addition of some new Genera.

One Hundred and Sixty-one Birds have been added by the Editor, which are distinguished by an *; and Eighty-seven Birds have been considerably enlarged; these latter are marked by a † prefixed. Besides the addition of One Hundred and Sixty-seven representations of Forest Trees and Shrubs.

DIVISION I.—LAND BIRDS.

GENUS I. <i>Sarcophagus</i> . <i>Vultur</i> . Vigors.		
* 1. Californian Vulture,	<i>S. Californianus</i> , Plate I. fig.	
GENUS II. <i>Cathartes</i> . <i>Vulture</i> . Illiger.		
† 1. Turkey Vulture,	<i>C. aura</i> , II.	
† 2. Black ditto,	<i>atratus</i> , III.	
GENUS III. <i>Aquila</i> . <i>Eagles</i> . Cuvier.		
* 1. Golden Eagle,	<i>A. Chrysaetos</i> , adult male, IV. 1	
† Ditto,	<i>ditto</i> , young, V. 1	
2. White-headed ditto,	<i>leucocephala</i> , VI. 1	
† Ditto,	<i>ditto</i> , V. 2	
3. Osprey,	<i>haliaetus</i> , IV. 2	
GENUS IV. <i>Falco</i> . <i>Falcons</i> . Linnæus.		
* 1. Peregrine Falcon,	<i>F. peregrinus</i> , adult male, VII. 1	
† Ditto,	<i>ditto</i> , female, XI. 1	
* 2. Jerfalcon,	<i>Islandicus</i> , VII. 3	
† 3. American Sparrow Hawk,	<i>Sparverius</i> , male, XI. 2	
† Ditto,	<i>ditto</i> , female, XI. 3	
4. Pigeon Hawk,	<i>Columbarius</i> , VI. 3	
* 5. Merlin,	<i>Esalon</i> , VII. 3	
6. Mississippi Kite,	<i>Mississippiensis</i> , XI. 4	
7. Winter Falcon,	<i>hyemalis</i> , XII. 1	
GENUS V. <i>Astur</i> . <i>Bechstein</i> .		
1. Broad-winged Hawk,	<i>A. latissimus</i> , VIII. 2	
2. Cooper's ditto,	<i>Cooperii</i> , X. 3	
GENUS VI. <i>Accipiter</i> . <i>Goshawks</i> . Bechstein.		
1. Goshawk,	<i>A. palumbarius</i> , XII. 2	
2. Slate-coloured Hawk,	<i>Pennsylvanicus</i> , male, IX. 1	
† Ditto,	<i>ditto</i> , young female, VIII. 3	
* 3. Stanley's ditto,	<i>Stanlii</i> , VII. 4	
GENUS VII. <i>Buteo</i> . <i>Buzzards</i> . Ray.		
* 1. Common Buzzard,	<i>B. vulgaris</i> , XIII. 1	
† 2. Red-tailed ditto,	<i>Borealis</i> , XII. 4	
† Ditto,	<i>ditto</i> , young, 3	
3. Rough-legged ditto,	<i>lagopus</i> , VIII. 1	
4. American Hen-harrier,	<i>Cyanus</i> , X. 2	
† Ditto,	<i>ditto</i> , young, V. 3	
5. Black Hawk,	<i>niger</i> , IX. 3	
† Ditto,	<i>ditto</i> , young, IX. 4	
6. Red-shouldered ditto,	<i>lineatus</i> , IX. 2	
GENUS VIII. <i>Elanus</i> . <i>Swift Hawks</i> . Savigny.		
1. Swallow-tailed Hawk,	<i>E. furcatus</i> , VI. 2	
2. White-tailed ditto,	<i>dispar</i> , X. 1	
GENUS IX. <i>Strix</i> . <i>Owls</i> . Linnæus.		
* 1. Snowy Owl,	<i>S. Nyctea</i> , male, XIV. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. Great Cinereous ditto,	<i>cinerea</i> , XV. 1	
* 3. Tengmalm's ditto,	<i>Tengmalmi</i> , 2	
* 4. Dalhousie's ditto,	<i>Dalhousiei</i> , 3	
5. Hawk ditto,	<i>Hudsonia</i> , XVI. 1	
† 6. Barred ditto,	<i>nebulosa</i> , 2	
† 7. Barn or White ditto,	<i>flammea</i> , 3	
8. Little ditto,	<i>passerina</i> , 4	
9. Burrowing ditto,	<i>Cunicularia</i> , 5	
10. Great-horned ditto,	<i>Virginiana</i> , XVII. 1	
† 11. Long-eared ditto,	<i>otus</i> , 2	
12. Mottled ditto,	<i>nevia</i> , male, 3	
† Ditto ditto,	<i>ditto</i> , young female, 4	
13. Short-eared ditto,	<i>brachyotus</i> , XVIII. 1	
* 14. Arctic-white ditto,	<i>Arctica</i> , 2	
GENUS X. <i>Corvus</i> . <i>Crows</i> . Linnæus.		
† 1. Raven,	<i>C. corax</i> , XIX. 1	
† 2. Fish Crow,	<i>ossifragus</i> , 2	
3. Crow or Rook,	<i>corone</i> , XIX. 3	
4. Clark's ditto,	<i>Columbianus</i> , 4	
GENUS XI. <i>Garrulus</i> . <i>Jays</i> . Brisson.		
† 3. Magpie,	<i>G. Pica</i> , XX. 3	
* 1. Short-billed Jay,	<i>brachyrhynchus</i> , 1	
* 2. Columbian ditto,	<i>Bullockii</i> , 2	
4. Steller's ditto,	<i>Stelleri</i> , XXI. 1	
5. Blue ditto,	<i>crispata</i> , 2	
6. Florida ditto,	<i>Floridensis</i> , 3	
7. Canada ditto,	<i>Canadensis</i> , 4	
GENUS XII. <i>Bombycilla</i> . <i>Wax-Wings</i> . Brisson.		
1. Cedar-bird,	<i>B. Cedrorum</i> , XXII. 1	
† Ditto,	<i>ditto</i> , variety, 2	
2. Bohemian Wax-wing,	<i>garrula</i> , 3	
GENUS XIII. <i>Yephanes</i> . <i>Baltimore</i> . Vieillot.		
1. Orchard Baltimore,	<i>Y. spurius</i> , adult male, XXIII. 1	
† Ditto,	<i>ditto</i> , 2d year, 2	
† Ditto,	<i>ditto</i> , 1st year, 3	
† Ditto,	<i>ditto</i> , female, 4	
2. Catesby's ditto,	<i>Baltimore</i> , male, 5	
† Ditto,	<i>ditto</i> , female, 6	
GENUS XIV. <i>Icterus</i> . <i>Troopials</i> . Temminck.		
1. Yellow-headed Troopial,	<i>I. icterocephalus</i> , male, XXIV. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Red-winged ditto,	<i>Phæniceus</i> , male, 3	
† Ditto,	<i>ditto</i> , young, 4	
3. Cow ditto,	<i>pecoris</i> , male, 5	
† Ditto,	<i>ditto</i> , female, 6	
4. Rice ditto,	<i>agripennis</i> , 7	
† Ditto,	<i>ditto</i> , female, 8	
GENUS XV. <i>Quiscalus</i> . <i>Grakles</i> . Vieillot.		
1. Great Crow Grackle,	<i>Q. Major</i> , male, XXV. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Rusty,	<i>ferrugineus</i> , XXVI. 1	
3. Purple,	<i>versicolor</i> , 2	
† Ditto,	<i>ditto</i> , female, 3	
GENUS XVI. <i>Sturnella</i> . <i>Meadow-Larks</i> . Vieillot.		
1. Meadow-Lark,	<i>S. Ludoviciana</i> , male, XXVII. 1	
GENUS XVII. <i>Merula</i> . <i>Thrushes</i> . Ray.		
1. Ferruginous Thrush,	<i>M. rufa</i> , XXVIII. 1	
† Hermit ditto,	<i>solitaria</i> , 2	
3. Cat Bird,	<i>lvida</i> , 3	
4. Mocking Bird,	<i>Polyglotta</i> , male, 4	
5. Robin,	<i>migratoria</i> , 5	
6. Wood ditto,	<i>meloda</i> , 6	
7. Tawny ditto,	<i>mustilina</i> , 7	
* 8. Little Tawny ditto,	<i>minor</i> , XXIX. 1	
* 9. Richardson's ditto,	<i>Richardsonii</i> , 2	
10. Golden-crowned ditto,	<i>auricapilla</i> , 3	
11. Water ditto,	<i>aquatica</i> , 4	
* 12. Audubon's,	<i>Ludoviciana</i> , 5	
GENUS XVIII. <i>Cinclus</i> . <i>Dippers</i> . Bechstein.		
1. American Dipper,	<i>C. Americanus</i> , XXX. 1	
GENUS XIX. <i>Myiothera</i> . <i>Ant-Catchers</i> . Illiger.		
1. Rockymountain Ant-catcher,	<i>M. obsoleta</i> , XXX. 2	
GENUS XX. <i>Lanius</i> . <i>Shrikes</i> . Linnæus.		
* 1. Greater Northern Shrike,	<i>L. Borealis</i> , XXXI. 1	
* 2. American Gray ditto,	<i>excubitorides</i> , 2	
3. Great American ditto,	<i>excubitor</i> , 3	
4. Loggerhead ditto,	<i>Carolinensis</i> , 4	
GENUS XXI. <i>Muscicapa</i> . <i>Fly-catchers</i> . Linnæus.		
1. Tyrant Fly-catcher,	<i>M. tyrannus</i> , XXXII. 1	
† Great-crested ditto,	<i>crinita</i> , 2	
* 3. Richardson's ditto,	<i>Richardsonii</i> , 3	
* 4. Northern ditto,	<i>Borealis</i> , female, 4	
* 5. Say's ditto,	<i>Saya</i> , male, 5	
† Ditto ditto,	<i>ditto</i> , female, XXXIII. 7	
* 6. Little Tyrant,	<i>pusilla</i> , XXXII. 6	
7. Small Green-crested,	<i>querula</i> , XXXIII. 2	
8. Wood Pe-we,	<i>rapax</i> , 3	
9. Ardensaw,	<i>verticalis</i> , 4	
10. Pe-wit,	<i>nunciola</i> , 5	
* 11. Traill's,	<i>Trailii</i> , 15	
SUB-GENUS. <i>Mitulus</i> . Swainson.		
12. Fork-tailed,	<i>Savanna</i> , 1	
13. Swallow-tailed,	<i>forficata</i> , 6	
GENUS XXII. <i>Setophaga</i> . <i>Gnat-catchers</i> . Swainson.		
1. Hooded Gnat-catcher,	<i>S. mitrata</i> , XXXIV. 1	
2. Green Black-capt,	<i>pusilla</i> , 2	
3. Yellow-tailed,	<i>ruticilla</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
† Ditto,	<i>ditto</i> , young, 5	
* 4. Selby's,	<i>Selbyi</i> , 6	
* 5. Bonaparte's,	<i>Bonapartei</i> , 7	
6. Small Blue-gray,	<i>cærulea</i> , male, 8	
* 7. Ditto,	<i>ditto</i> , female, 9	
GENUS XXIII. <i>Vireo</i> . <i>Chats</i> . Vieillot.		
1. Yellow-throated Chat,	<i>V. flavifrons</i> , XXXV. 1	
† Solitary,	<i>solitarius</i> , male, 2	
† Ditto,	<i>ditto</i> , female, 3	
* 3. Vigors's,	<i>Vigorsii</i> , 4	
4. Pine Swamp,	<i>sphagnosa</i> , 5	
5. Yellow-breasted,	<i>polyglotta</i> , 6	
6. Red-eyed,	<i>olivacea</i> , 7	
7. White-eyed,	<i>Novaboracensis</i> , 8	
8. Warbling,	<i>melodia</i> , 9	
GENUS XXIV. <i>Sylvia</i> . <i>Warblers</i> . Latham.		
1. Golden-crowned,	<i>S. coronata</i> , male, summer, XXXVI. 1	
2. Black-throated Green,	<i>virens</i> , 2	
3. Yellow-rumped,	<i>maculosa</i> , 3	
† Ditto,	<i>ditto</i> , winter, XXXIX. 5	
† Ditto,	<i>ditto</i> , young male, 7	
4. Yellow Redpole,	<i>petasche</i> , XXXVI. 5	
5. Blackburnian,	<i>Blackburniae</i> , 6	
6. Bay-breasted,	<i>castanea</i> , 7	
7. Mourning,	<i>Philadelphia</i> , 7	
8. Chestnut-sided,	<i>Pennsylvanica</i> , XXXVI. 8	
9. Cærulean,	<i>cærulea</i> , male, 9	
† Ditto,	<i>ditto</i> , female, 10	
11. Tennessee,	<i>peregrina</i> , XXXVII. 1	
12. Maryland Yellow Throat,	<i>Marylandia</i> , male, 2	
† Ditto,	<i>ditto</i> , female, 3	
13. Blue Mountain,	<i>tigrina</i> , 4	
14. Palm,	<i>palmarum</i> , 7	
15. Hemlock,	<i>parus</i> , 5	
16. Blue-green,	<i>rara</i> , 6	
17. Orange-crowned,	<i>celata</i> , 8	
18. Cape May,	<i>Maritima</i> , male, 9	
† Ditto,	<i>ditto</i> , female, 10	
19. Blackpole,	<i>striata</i> , male, 11	
† Ditto,	<i>ditto</i> , female, 12	
20. Pine-creeping,	<i>pinus</i> , 13	
21. Prairie,	<i>minuta</i> , XXXVIII. 1	
22. Blue-winged Yellow,	<i>solitaria</i> , 2	
23. Black-throated Blue,	<i>Canadensis</i> ?, 3	
24. Golden-winged,	<i>chrysoptera</i> , male, 4	
† Ditto,	<i>ditto</i> , female, 5	
25. Blue-eyed Yellow,	<i>citrinella</i> , 6	
26. Kentucky,	<i>formosa</i> , 7	
27. Yellow Throat,	<i>flavicollis</i> , 12	
28. Connecticut,	<i>agilis</i> , 13	
29. Blue-yellow Back,	<i>pusilla</i> , 14	
30. Canada,	<i>pardalina</i> , 8	
31. Prothonotary,	<i>protonotarius</i> , 9	
32. Autumnal,	<i>autumnalis</i> , 10	
* 33. Richardson's,	<i>Richardsonii</i> , 11	
34. Nashville,	<i>ruficapilla</i> , XXXIX. 1	
35. Worm-eating,	<i>vermivora</i> , 2	
* 36. Children's,	<i>Childrenii</i> , male, 3	
* 37. Ditto,	<i>ditto</i> , female, 4	
† 38. Small headed,	<i>minuta</i> , 6	
* 39. Carbonated,	<i>carbonata</i> , adult male, XL. 4	
† Ditto,	<i>ditto</i> , young, 5	
* 40. Rathbone's,	<i>Rathbonia</i> , 3	
* 41. Roscoe's Yellow Throat,	<i>Rosco</i> , 6	
* 42. Bachman's,	<i>Bachmanii</i> , 1	
† Ditto,	<i>ditto</i> , young, 2	
GENUS XXV. <i>Regulus</i> . <i>Kinglets</i> . Cuvier.		
1. American Kinglet,	<i>R. Americanus</i> , male, XLI. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. Ruby-crowned,	<i>calendulus</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
* 3. Cuvier's,	<i>Cuvieri</i> , male, 5	
GENUS XXVI. <i>Troglodytes</i> . <i>Wrens</i> . Cuvier.		
1. Winter Wren,	<i>T. hyemalis</i> , XLII. 1	
2. Marsh,	<i>palustris</i> , 2	
3. House,	<i>ædon</i> , 3	
4. Great Carolina,	<i>Ludoviciana</i> , 4	
* 5. Bewick's,	<i>Bewickii</i> , 5	
GENUS XXVII. <i>Sialia</i> . <i>Blue-Birds</i> . Swainson.		
* 1. Arctic Blue-bird,	<i>S. Arctica</i> , XLIII. 1	
2. Common,	<i>Wilsonii</i> , 2	
GENUS XXVIII. <i>Anthus</i> . <i>Titlarks</i> . Bechstein.		
1. Brown Titlark,	<i>A. Ludoviciana</i> , male, XLIII. 3	
† Ditto,	<i>ditto</i> , female, 4	
* 2. Prairie,	<i>pipiens</i> , 5	
GENUS XXIX. <i>Alauda</i> . <i>Larks</i> . Linnæus.		
1. Shore Lark,	<i>A. alpestris</i> , XLIII. 6	
GENUS XXX. <i>Parus</i> . <i>Titmice</i> . Linnæus.		
1. Black-capt Titmouse,	<i>P. atricapillus</i> , XLIV. 1	
2. Crested,	<i>bicolor</i> , 2	
* 3. Canadian,	<i>Hudsonicus</i> , 5	
GENUS XXXI. <i>Emberiza</i> . <i>Buntings</i> . Linnæus.		
* 1. Painted Bunting,	<i>E. picta</i> , XLV. 3	
2. Lapland Long-spurred,	<i>Lapponica</i> , male, 4	
† Ditto,	<i>ditto</i> , female, 5	
* 3. Snow,	<i>nivalis</i> , summer, 6	
† Ditto,	<i>ditto</i> , winter, 7	
* 4. Henslow's,	<i>Henslowii</i> , 8	
SUB-GENUS. <i>Pipilo</i> . Swainson.		
* 5. Arctic ground,	<i>Arctica</i> , male, 1	
* Ditto,	<i>ditto</i> , female, 2	
GENUS XXXII. <i>Tanagra</i> . <i>Tanagers</i> . Linnæus.		
1. Summer Red Bird,	<i>T. æstiva</i> , male, XLVI. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Scarlet Tanager,	<i>rubra</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
3. Louisiana,	<i>Columbianus</i> , 5	
GENUS XXXIII. <i>Loxia</i> . <i>Crossbills</i> . Brisson.		
1. American Crossbill,	<i>L. curvirostra</i> , young male, XLVII. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. White-winged ditto,	<i>leucoptera</i> , male, 3	
† Ditto,	<i>ditto</i> , young male, 4	
† Ditto,	<i>ditto</i> , female, 5	

SYSTEMATIC INDEX.

- GENUS XXXIV. *Pyrrhula*. Bullfinches. Brisson.
1. Pine Bullfinch, *P. Enucleator*, male, XLVIII. 1
 - Ditto, ditto, young male, 2
 - Ditto, ditto, female, 3
 2. Crimson-headed, *frontalis*, male, 4
 - Ditto, ditto, female, 5

- GENUS XXXV. *Fringilla*. Finches. Illiger.
1. Lazuli Finch, *F. amana*, XLIX. 1
 2. American Goldfinch, *tristis*, male, 2
 - Ditto, ditto, female, 3
 3. Arkansaw, *psalleria*, 4
 4. Indigo, *cayana*, male, 5
 - Ditto, ditto, female, 6
 5. Evening, *vespertina*, 7
 6. Rose-breasted, *Ludoviciana*, male, 8
 - Ditto, ditto, female, 9
 7. White-crowned, *leucophrys*, L. 1
 8. Bay-winged, *graminea*, 2
 9. Swamp, *palustris*, 3
 10. Savannah, *Savanna*, male, 4
 - Ditto, ditto, female, 5
 11. Field, *pusilla*, 6
 12. Tree, *arborea*, 7
 13. Chipping, *socialis*, 8
 14. Yellow-winged, *passerina*, 9
 15. Fox-coloured, *ferruginea*, 10
 16. Lark, *gramma*, 11
 17. Painted, *cris*, male, LI. 1
 - Ditto, ditto, female, 2
 18. Sharp-tailed, *caudata*, 3
 19. Towhee, *erythrophthalma*, male, 4
 - Ditto, ditto, female, 5
 20. Lesser Redpoll, *linaria*, 6
 21. Snow-bird, *Hudsonia*, 7
 22. White-throated Sparrow, *albicollis*, male, LII. 1
 - Ditto, ditto, female, 2
 23. Song Sparrow, *melodia*, male, 3
 - Ditto, ditto, female, 4
 24. Gray crowned Linnet, *tephrocotis*, 5
 25. Sea-side Finch, *maritima*, 6
 26. Pine ditto, *pinus*, 7
 27. Cardinal ditto, *cardinalis*, male, LIII. 1
 - Ditto, ditto, female, 2
 28. Purple ditto, *purpurea*, male, 3
 - Ditto, ditto, young ditto, 4
 - Ditto, ditto, female, 5
 29. Blue, *cærulea*, 6
 30. Black-throated, *Americana*, 7

- GENUS XXXVI. *Coccyzus*. Cuckoos. Vicillot.
1. Yellow-bellied Cuckoo, *C. Americana*, LIV. 2
 2. Black-bellied ditto, *erythrophthalmus*, 3

- GENUS XXXVII. *Psittacus*. Parrots. Linnaeus.
1. Carolina Parrot, *P. Carolinensis*, male, LIV. 1

- GENUS XXXVIII. *Picus*. Woodpeckers. Linnaeus.
1. Ivory-billed Woodpecker, *P. principalis*, male, LV. 1
 - Ditto, ditto, female, 2
 2. Pilated ditto, *piliatus*, male, LVI. 1
 - Ditto, ditto, female, 2
 3. Three-toed ditto, *tridactylus*, male, LV. 3
 4. Arctic three-toed ditto, *Arcticus*, male, LVI. 3
 - Ditto, ditto, 2
 5. Red-headed ditto, *erythrocephalus*, LVII. 4
 - Ditto, ditto, young, LVIII. 5
 6. Lewis's ditto, *torquatus*, LVII. 1
 7. Hairy ditto, *villosus*, 3
 8. Red-bellied ditto, *Carolinensis*, 4
 9. Downy ditto, *pubescens*, 5
 10. Yellow-bellied ditto, *Varus*, 6
 - Ditto, ditto, young, LVIII. 3
 11. Red-cockaded ditto, *querulus*, LVIII. 1
 12. Gold-winged ditto, *auratus*, LVIII. 6
 - Ditto, ditto, young, LVI. 4

- GENUS XXXIX. *Sitta*. Nuthatches. Linnaeus.
1. White-breasted, black-capped Nuthatch, *S. Carolinensis*, LIX. 1
 2. Red-bellied, black-capped ditto, *varia*, 2
 3. Brown-headed ditto, *pusilla*, 3

- GENUS XL. *Certhia*. Creepers. Linnaeus.
1. Brown Creeper, *C. familiaris*, LX. 1
 2. Black and White, *maculata*, 2

- GENUS XLI. *Trochilus*. Humming-Birds. Linnaeus.
1. Northern Humming-Bird, *T. Colubris*, male, LXI. 1
 - Ditto, ditto, female, 2
 - Ditto, ditto, young, 3
 2. Ruff-necked ditto, *rufus*, male, 4
 - Ditto, ditto, young male, 5
 - Ditto, ditto, female, 6
 - Ditto, ditto, young ditto, 7
 3. Mangrove ditto, *Mango*, male, 9
 - Ditto, ditto, female, 10

- GENUS XLII. *Alcedo*. Kingfishers. Linnaeus.
1. Belted Kingfisher, *A. alcyon*, male, LXII. 1
 - Ditto, ditto, female, 2

- GENUS XLIII. *Cypselus*. Scaup. Illiger.
1. Chimney Swallow, *C. pelagius*, LXIII. 1

- GENUS XLIV. *Hirundo*. Martins. Linnaeus.
1. Purple Martin, *H. purpurea*, male, LXIII. 2
 - Ditto, ditto, female, 3
 2. Barn ditto, *rufa*, male, 4
 - Ditto, ditto, female, 5
 3. White-bellied ditto, *bicolor*, 6
 4. Bank ditto, *riparia*, 7
 5. Cliff ditto, *fulva*, 8

- GENUS XLV. *Caprimulgus*. Nighthawks. Linnaeus.
1. Virginian Nighthawk, *C. Virginianus*, male, LXIV. 1
 - Ditto, ditto, female, 2
 2. Whip Poor Will, *vociferus*, male, 3
 - Ditto, ditto, female, 4
 3. Chuck Will's Widow, *Carolinensis*, 5

- GENUS XLVI. *Columba*. Pigeons. Linnaeus.
1. Passenger Pigeon, *C. migratoria*, LXV. 1
 2. Carolina Turtle Dove, *Carolinensis*, LXVI. 1
 3. Zenaida ditto, *Zenaida*, LXV. 3
 4. Band-tailed Pigeon, *fasciata*, LXV. 2
 5. White-crowned ditto, *leucocephalus*, LXVI. 2
 6. Ground Dove, *passerina*, male, 3
 - Ditto, ditto, female, 4

- GENUS XLVII. *Meleagris*. Turkeys. Linnaeus.
1. Wild Turkey, *M. Gallopavo*, male, LXVII. 1
 - Ditto, ditto, female, 2
 - Ditto, ditto, young, 3-3
 2. Honduras ditto, *ocellata*, male, LXVIII. 1

- GENUS XLVIII. *Oryx*. Quails. Stephens.
1. Virginian Partridge or Quail, *O. Virginiana*, male, LXIX. 1
 - Ditto, ditto, female, 2
 2. Long-tailed ditto, *Macroura*, LXX. 1
 3. Montezuma's ditto, *Montezuma*, 2
 4. Douglas's ditto, *Douglasii*, LXXI. 1
 5. Californian ditto, *Californica*, male, 2
 - Ditto, ditto, female, 3
 6. Harnessed ditto, *capistrata*, LXXII. 1
 7. Welcome ditto, *neozinus*, 2
 8. Painted ditto, *picta*, male, LXXIII. 1
 - Ditto, ditto, female, 2

- GENUS XLIX. *Tetrao*. Grouse. Linnaeus.
1. Ruffed Grouse, *T. Umbellus*, male, LXXIV. 1
 2. Sharp-tailed, *phasianellus*, female, 2
 3. Pinnated, *cupido*, male, LXXV. 1
 - Ditto, ditto, female, 2
 4. Dusky, *obscurus*, male, LXXVI. 1
 - Ditto, ditto, female, 2
 5. Spotted, *Canadensis*, male, LXXVII. 1
 - Ditto, ditto, female, 2
 6. Rocky Mountain Spotted, *Franklinii*, male, LXXVIII. 1
 - Ditto, ditto, female, 2
 7. Richardson's ditto, *Richardsonii*, male, LXXIX. 1
 - Ditto, ditto, female, 2
 8. Cock of the Plains, *Urophasianus*, male, LXXX. 1
 - Ditto, ditto, female, 2

- GENUS L. *Lagopus*. Ptarmigan. Ray.
1. Willow Ptarmigan, *L. Salicet*, male, spring, LXXXI. 1
 - Ditto, ditto, summer, 2
 - Ditto, ditto, female, winter, 3
 2. White-tailed ditto, *leucurus*, LXXXII. 1
 3. Rock ditto, *rupestris*, 2
 4. Common ditto, *mæctus*, male, winter, LXXXIII. 1
 - Ditto, ditto, female, summer, 2

DIVISION II.—WATER BIRDS.

- GENUS LI. *Himantopus*. Himantopus. Brisson.
1. Black-necked Himantopus, *H. nigricollis*, LXXXIV. 1

- GENUS LII. *Hæmatopus*. Oyster Catchers. Linnaeus.
1. Pied Oyster-Catcher, *H. ostralegus*, LXXXV. 1

- GENUS LIII. *Charadrius*. Plovers. Linnaeus.
1. Wilson's Plover, *C. Wilsonius*, LXXXVI. 1
 2. Ring ditto, *sempalmatus*, 2
 3. Killdeer ditto, *vociferus*, 3
 4. Musical ditto, *melodus*, 4
 5. Virginian ditto, *Virginianus*, 5

- GENUS LIV. *Vanellus*. Vanellus. Brisson.
1. Black-bellied Plover, *V. cinereus*, LXXXVI. 6

- GENUS LV. *Streptopus*. Turnstones. Linnaeus.
1. Turnstone, *S. interpres*, LXXXVII. 1

- GENUS LVI. *Grus*. Cranes. Pallas.
1. Whooping Crane, *G. Americana*, LXXXVIII. 1
 2. Brown ditto, *Canadensis*, 2

- GENUS LVII. *Ardea*. Herons. Linnaeus.
1. Great Heron, *A. Herodias*, LXXXIX. 1
 2. Louisiana ditto, *Ludoviciana*, 2
 3. Green ditto, *virescens*, 3

- GENUS LVIII. *Botaurus*. Bitterns. Brisson.
1. American Bittern, *B. Minor*, XC. 1
 2. Least ditto, *Exilis*, 2

- GENUS LIX. *Nycticorax*. Night-Herons. Bonaparte.
1. Common Night-Heron, *N. Gardinii*, XCI. 1
 2. White-crowned ditto, *violacea*, 2

- GENUS LX. *Egretta*. Egrets. Jardine.
1. Great Egret, *E. leucæ*, XCII. 1
 2. Snowy ditto, *candidissima*, 2
 3. Blue ditto, *cærulea*, 3

- GENUS LXI. *Phœnicopterus*. Flamingos. Linnaeus.
1. Red Flamingo, *P. ruber*, XCH. 1

- GENUS LXII. *Recurvirostra*. Avocets. Linnaeus.
1. American Avocet, *R. Americana*, XCH. 2

- GENUS LXIII. *Platalea*. Spoon-bills. Linnaeus.
1. Roseate Spoonbill, *P. Ajaja*, XCIV. 1

- GENUS LXIV. *Tantalus*. Ibis. Linnaeus.
1. Wood Ibis, *T. loculator*, XCV. 1

- GENUS LXV. *Ibis*. Ibis. Lacepede.
1. Scarlet Ibis, *I. rubra*, adult, XCVI. 1
 - Ditto, ditto, second year, 2
 - Ditto, ditto, first ditto, 3
 2. White ditto, *alba*, 4

- GENUS LXVI. *Numenius*. Curlews. Brisson.
1. Long-billed Curlew, *N. longirostris*, XCVII. 1
 2. Hudsonian, *Hudsonianus*, 2
 3. Esquimaux, *Borealis*, 3

- GENUS LXVII. *Tringa*. Sandpipers. Brisson.
1. Ash-coloured Sandpiper, *T. cinerea*, XCVIII. 1
 2. Red-breasted ditto, *rufa*, 2
 3. Purple ditto, *moritima*, 3
 4. Douglas's ditto, *Douglasii*, 4
 5. Diminutive ditto, *pusilla*, 5
 6. Semipalmated ditto, *semipalmata*, 6
 7. Red-backed ditto, *Alpina*, winter, 7
 - Ditto, ditto, summer, 8
 8. Pigmy ditto, *minuta*, 9

- GENUS LXVIII. *Calidris*. Sanderlings. Illiger.
1. Sanderling, *C. arenaria*, summer, XCIX. 1
 - Ditto, ditto, winter, 2

- GENUS LXIX. *Totanus*. Tattlers. Bechstein.
1. Solitary Tattler, *T. chloropygius*, C. 1
 2. Yellow Shank ditto, *flavipes*, 2
 3. Tell-tale ditto, *melanoleucus*, 3
 4. Semipalmated ditto, *semipalmatus*, summer, 4
 5. Ditto, ditto, winter, 5
 6. Bartram's ditto, *Bartramius*, 6
 7. Red-shank ditto, *calidris*, 7
 8. Spotted, *macularis*, 8
 9. White, *candidus*, 9

- GENUS LXX. *Limosa*. Godwits. Brisson.
1. Great marbled Godwit, *L. fedoa*, male, CI. 1
 - Ditto, ditto, female, 2
 2. Hudsonian, *Hudsonica*, 3
 3. White, *alba*, 4

- GENUS LXXI. *Scelopax*. Snipes. Linnaeus.
1. Red-breasted Snipe, *S. Novaboracensis*, CII. 1
 2. Wilson's ditto, *Wilsonii*, 2
 3. American Woodcock, *minor*, 3

- GENUS LXXII. *Rallus*. Rails. Linnaeus.
1. Clapper Rail, *R. crepitans*, CIII. 1
 2. Virginian ditto, *Virginianus*, 2
 3. Yellow-breasted, *Novaboracensis*, 3
 4. Carolina, *Carolinus*, 4

- GENUS LXXIII. *Gallinula*. Gallinules. Brisson.
1. Martinico Gallinule, *G. Martinico*, CIV. 2

- GENUS LXXIV. *Fulica*. Coots. Linnaeus.
1. Cinereous Coot, *F. Americana*, CIV. 1

- GENUS LXXV. *Phalaropus*. Phalaropes. Brisson.
1. Flat-billed Phalarope, *P. fulicarius*, CV. 1
 2. Wilson's ditto, *Wilsonii*, 2
 - Ditto, ditto, young, 3
 3. Hyperborean, *hyperboreus*, 4
 - Ditto, ditto, young, 5

- GENUS LXXVI. *Podiceps*. Grebes. Latham.
1. Crested Grebe, *P. cristatus*, CVI. 1
 2. Horned ditto, *cornutus*, 2
 3. Red-necked, *rubicollis*, 3

- GENUS LXXVII. *Rhynchops*. Skimmers. Linnaeus.
1. Black Skimmer, *R. nigra*, CVII. 1

- GENUS LXXVIII. *Sterna*. Terns. Linnaeus.
1. Lesser Tern, *S. minuta*, CVIII. 1
 2. Sooty ditto, *fuliginosa*, 2
 3. Black ditto, *nigra*, summer, 3
 - Ditto, ditto, winter, 4
 - Ditto, ditto, young, 5
 4. Marsh ditto, *aranea*, 6
 5. Great ditto, *hirundo*, 7
 6. Arctic ditto, *Arctica*, 8

- GENUS LXXIX. *Larus*. Gulls. Linnaeus.
1. Fork-tailed Gull, *L. Sabini*, CIX. 1
 2. Cuneate-tailed ditto, *Rosii*, 2
 3. Bonapartian ditto, *Bonapartii*, 3
 4. Franklin's rosy ditto, *Franklinii*, 4
 5. Laughing ditto, *atricilla*, 5
 6. Little ditto, *minutus*, 6
 - Ditto, ditto, young, 7
 7. Mew ditto, *Canis*, 8
 8. Burgomaster, *glauca*, 9
 9. White-winged Silvery ditto, *leucopterus*, CX. 1
 10. Ivory ditto, *eburneus*, 2
 11. Kittiwake ditto, *tetractylus*, summer, 3
 12. Ditto, ditto, first moult, 4

- GENUS LXXX. *Lestris*. Skuas. Illiger.
1. Arctic Skua, *L. parasiticus*, CXI. 3
 2. Pomarine ditto, *Pomarinus*, 4
 3. Richardson's, *Richardsonii*, 5
 4. Common, *cataractæ*, 6

- GENUS LXXXI. *Thalasidroma*. Petrels. Bonaparte.
1. Wilson's Petrel, *T. Wilsonii*, CXI. 1
 2. Fork-tailed ditto, *Bullockii*, 2

- GENUS LXXXII. *Anas*. Ducks. Linnaeus.
1. Mallard, *A. boschas*, male, CXII. 1
 - Ditto, ditto, female, 2
 2. Shoveller, *clypeata*, male, 3
 3. Pin-tail, *acuta*, male, 4
 4. Dusky, *obscura*, 5
 5. Blue-winged, *discors*, 6
 6. Green-winged, *crecca*, 7

- GENUS LXXXIII. *Merica*. Wigeons. Stephens.
1. American Wigeon, *M. Americana*, CXIII. 1

- GENUS LXXXIV. *Dendrocygna*. Wood-Ducks. Swainson.
1. Summer Wood-Duck, *D. sponsa*, CXIII. 2

- GENUS LXXXV. *Somateria*. Eiders. Leach.
1. King Eider, *S. spectabilis*, male, CXIII. 3
 - Ditto, ditto, female, 4
 2. Common ditto, *molissima*, male, 5
 - Ditto, ditto, female, 6

SYSTEMATIC INDEX.

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GENUS LXXXVI. <i>Oidemia</i> . <i>Scoters</i> . Fleming.		GENUS LXXXIX. <i>Harelda</i> . <i>Harelds</i> . Leach.		GENUS XCVI. <i>Colymbus</i> . <i>Divers</i> . Latham.	
† 1. Velvet Scoter, <i>O. fusca</i> , CXIV. 1		† 1. Long-tailed Hareld, <i>H. glacialis</i> , CXVI. 7		* 1. Brown Pelican, <i>P. fuscus</i> , CXXI. 1	
† 2. American ditto, <i>Americana</i> , 2		† Ditto, <i>Ditto, female</i> , 8		* 2. White ditto, <i>Ornocrotalus</i> , 2	
† 3. Surf ditto, <i>perspicillata</i> , 3					
GENUS LXXXVII. <i>Fuligula</i> . <i>Pochards</i> . Ray.		GENUS XC. <i>Mergus</i> . <i>Mergansers</i> . Linnæus.		GENUS XCIV. <i>Plotus</i> . <i>Darters</i> . Linnæus.	
† 1. Ruddy Pochard, <i>F. rubida</i> , male, CXV. 1		† 1. Hooded Merganser, <i>M. cucullatus</i> , CXVII. 1		† 1. Black-bellied Darter, <i>P. ankinga</i> , male, CXXII. 1	
† Ditto, <i>ditto, female</i> , 2		† 2. Red-breasted ditto, <i>serrator</i> , 2		† 2. Ditto, <i>ditto, female</i> , 2	
† 2. Red-headed ditto, <i>ferina</i> , 3		† 3. Goosander, <i>Merganser, male</i> , 3			
† 3. Ring-necked ditto, <i>rufitorques</i> , 4		† 4. Ditto, <i>ditto, female</i> , 4			
† 4. Pied ditto, <i>Labradoria</i> , 5		† 5. Smew, <i>abellus</i> , 5			
† 5. Scaup ditto, <i>marila</i> , male, 6					
† 6. Ditto, <i>ditto, female</i> , 7					
† 7. Canvass-back ditto, <i>Vallisneria</i> , 8					
GENUS LXXXVIII. <i>Clangula</i> . <i>Garrots</i> . Leach.		GENUS XCI. <i>Anser</i> . <i>Geese</i> . Bechstein.		GENUS XCVI. <i>Uria</i> . <i>Guillemots</i> . Brisson.	
* 1. Rocky-mountain Garrot, <i>C. Barrovii</i> , CXVI. 1		1. Canada goose, <i>A. Canadensis</i> , CXVIII. 1		* 1. Black Guillemot, <i>U. grylle</i> , summer, CXXIV. 1	
† 2. Harlequin ditto, <i>histrionica</i> , 2		2. Snow ditto, <i>hyperboreus</i> , 2		* Ditto, <i>ditto, winter</i> , 2	
† 3. Buffle-headed ditto, <i>albeola</i> , male, 3		3. Brent ditto, <i>Barnicla</i> , 3		* 2. Foolish ditto, <i>troile</i> , summer, 3	
† Ditto, <i>ditto, female</i> , 4		* 4. Blue-winged, <i>Edwardii</i> , CXIX. 1		* Ditto ditto, <i>ditto, winter</i> , 4	
† 4. Golden-eye ditto, <i>vulgaris</i> , male, 5		† 5. Laughing, <i>albifrons</i> , 2		* 3. Little ditto, <i>Alle</i> , summer, 5	
* Ditto, <i>ditto, female</i> , 6				† Ditto, ditto, <i>winter</i> , 6	
		GENUS XCII. <i>Cygnus</i> . <i>Swans</i> . Meyer.			
		1. Bewick's Swan, <i>C. Bewickii</i> , CXX. 1			

METHODICAL DISPOSITION OF THE NORTH AMERICAN SYLVA.

OAKS.		4. Heart-leaved Cucumber Tree, <i>Cordata</i> , XXXV. 10		1. American Hornbeam, <i>Carpinus Americana</i> , XXVIII. 11	
FIRST DIVISION. ANNUAL FRUCTIFICATION.		5. Umbrella Tree, <i>tripetala</i> , XXXV. 12		2. Iron Wood, <i>Ostrya</i> , XLVI. 9	
First Section. <i>Lobed Leaves</i> .		6. Long-leaved Cucumber Tree, <i>Auriculata</i> , XLIV. 3		1. Black Gum, <i>Nyssa Sylvatica</i> , XV. 5	
1. White Oak, <i>Quercus Alba</i> , L. 14		7. Large-leaved Umbrella Tree, <i>Macrophylla</i> , XVIII. 3		2. Tupelo, <i>Aquatica</i> , XLVI. 8	
2. Common European, <i>Robur</i> , X. 6		1. Loblolly Bay, <i>Gordonia Lasianthus</i> , XXII. 6		3. Large Tupelo, <i>Grandidentata</i> , LXV. 7	
3. European White, <i>Robur Pedunculata</i> , X. 7		1. Franklinia, <i>pubescens</i> , XXXII. 8		4. Sour Tupelo, <i>Copitata</i> , V. 7	
4. Mossy Cup, <i>Oliveiformis</i> , L. 12		1. Papaw, <i>Anona Triloba</i> , XXX. 7		1. American Nettle Tree, <i>Celtis Occidentalis</i> , XLIX. 11	
5. Over Cup White, <i>Macrocarpa</i> , LIX. 4		1. Tulip Tree, <i>Lyrindendrum Tulipifera</i> , XXV. 7		2. Hack Berry, <i>Crassifolia</i> , XLVI. 6	
6. Post, <i>Obtusiloba</i> , L. 13		1. Sweet Gum, <i>Liquidambar Styraciflua</i> , X. 5		1. Red Mulberry, <i>Morus Rubra</i> , LIII. 12	
7. Over Cup, <i>Lyrata</i> , XXXVI. 14		1. Button Wood, <i>Platanus Occidentalis</i> , XXXII. 9		1. Sweet Leaf, <i>Hopea Tinctoria</i> , XXIV. 15	
Second Section. <i>Toothed Leaves</i> .		1. Catalpa, <i>Bignonia Catalpa</i> , XLIV. 4		1. White Ash, <i>Fraxinus Americana</i> , 13	
8. Swamp White, <i>Quercus prinus discolor</i> , XVI. 6		1. Crab Apple, <i>Malus Coronaria</i> , XIV. 3		2. Red Ash, <i>Tomentosa</i> , LIII. 11	
9. Chestnut White, <i>pinus palustris</i> , XXXIII. 10		1. June Berry, <i>Maspilus Arborea</i> , XXIII. 8		3. Green Ash, <i>Viridis</i> , IX. 6	
10. Rock Chestnut, <i>pinus Monticola</i> , LVIII. 7		1. Dwarf Rose Bay, <i>Rhododendrum Maximum</i> , XXIII. 12		4. Common European Ash, <i>Excelsior</i> , XXXI. 6	
11. Yellow, <i>pinus acuminatus</i> , XXXVI. 15		1. Mountain Laurel, <i>Kalmia Latifolia</i> , LXI. 8		5. Black Ash, <i>Sambucifolia</i> , XVI. 7	
12. Small Chestnut, <i>pinus clincapin</i> , 13		1. Locust Tree, <i>Betula Rubra</i> , XVII. 7		6. Blue Ash, <i>Quadrangulata</i> , XXXI. 7	
SECOND DIVISION. BIENNIAL FRUCTIFICATION.		2. Yellow Birch, <i>Lutea</i> , XXI. 10		7. Caroline Ash, <i>Platanocarpa</i> , XXXVIII. 19	
First Section. <i>Mucronated Leaves</i> . (Except 13.)		6. Black Birch, <i>Lenta</i> , L. 15		1. Champlain Willow, <i>Salix Ligustrina</i> , XXVIII. 10	
13. Live, <i>Quercus Virens</i> , XXXVI. 16		1. Common Alder, <i>Alnus Serrulata</i> , XXIII. 11		2. Shining Willow, <i>Lucida</i> , XLVI. 7	
14. Cork, <i>Suber</i> , XI. 7		2. Black Alder, <i>Glaucua</i> , XXIII. 10		3. Black Willow, <i>Nigra</i> , XLIX. 13	
15. Willow, <i>Phellos</i> , XXIV. 14		1. Locust Tree, <i>Robina Pseudo-Acacia</i> , LXVII. 4		1. White Elm, <i>Ulmus Americana</i> , XXXVIII. 20	
16. Laurel, <i>Imbricaria</i> , XI. 5		2. Rose Flowering Locust, <i>Viscosa</i> , L. 16		2. Wahoo, <i>Alata</i> , XXXI. 8	
17. Upland Willow, <i>Cinerea</i> , XI. 6		1. Yellow Wood, <i>Virgilia Lutea</i> , XXIX. 7		3. Red Elm, <i>Rubra</i> , LII. 10	
18. Running, <i>Pumila</i> , XXXV. 14		1. Sweet Locust, <i>Gleditsia Triacanthos</i> , XXXV. 11		4. Common European Elm, <i>Campestris</i> , 11	
Second Section. <i>Lobed Leaves</i> .		2. Water Locust, <i>Monosperma</i> , XXXIV. 11		5. Dutch Elm, <i>Suberosa</i> , XXXI. 9	
19. Bartram's, <i>Quercus Heterophylla</i> , LI. 9		1. American Holly, <i>Ilex Opaca</i> , XXVI. 5		1. Planer Tree, <i>Planera Ulmifolia</i> , LVIII. 10	
20. Water, <i>Aquatica</i> , LXIV. 10		1. Sorel Tree, <i>Andromeda Arborea</i> , XXXV. 13		1. American Lime, <i>Tilia Americana</i> , XLIII. 7	
21. Black Jack, <i>Ferruginea</i> , IX. 7		1. Devil Wood, <i>Olea Americana</i> , XXVI. 6		2. White Lime, <i>Alba</i> , XLV. 9	
22. Bear, <i>Banisteri</i> , XXXVI. 17		2. Olive Tree, <i>Europea</i> , LXIII. 12		3. Downy Lime, <i>Pubescens</i> , XCII. 4	
Third Section. <i>Multifid or Many-cleft Leaves</i> .		1. Wild Cherry, <i>Cerasus Virginiana</i> , XXXII. 10		PINES, SPRUCES, AND LARCHES.	
23. Barrens Scrub, <i>Quercus Catesbaei</i> , LII. 9		2. Wild Orange, <i>Caroliniana</i> , XXXVII. 18			
24. Spanish, <i>Falcata</i> , LVIII. 8		3. Red Cherry, <i>Borealis</i> , XXXIX. 9			
25. Black, <i>Tinctoria</i> , XII. 8		1. Large Buck-eye, <i>Pavia Lutea</i> , XXXIII. 13			
26. Scarlet, <i>Coccinea</i> , LIX. 5		2. Ohio Buck-eye, <i>Ohioensis</i> , XXII. 4			
27. Gray, <i>Ambigua</i> , XVII. 5		1. Persimon, <i>Diospyros Virginiana</i> , XVII. 6			
28. Red, <i>Rubra</i> , VIII. 4		1. Carolina Poplar, <i>Populus Angulata</i> , XXXII. 7			
WALNUTS.		2. Catton Wood, <i>Canadensis</i> , LXV. 7			
First Section. <i>Simple Aments</i> . <i>Vegetation rapid</i> .		3. American Black Poplar, <i>Hudsonica</i> , XXXIV. 14			
1. Common European Walnut, <i>Juglans Regia</i> , XLII. 7, 8, 9		4. Virginian Poplar, <i>Monilifera</i> , 15			
2. Black Walnut, <i>Nigra</i> , LXII. 3		5. Cotton Tree, <i>Argentea</i> , XXXIX. 10			
3. Butternut, <i>Cathartica</i> , XLIX. 12		6. Balsam Poplar, <i>Balsamifera</i> , XXXIII. 12			
Second Section. <i>Compound Aments</i> , each <i>Peduncle</i> bearing three.		7. Heart-leaved Balsam Poplar, <i>Candicans</i> , 11			
<i>Vegetation slow</i> .		8. American Aspin, <i>Tremuloides</i> , XXXVIII. 21			
4. Pacanenut Hickory, <i>Juglans Oliveiformis</i> , XXXIII. 14		9. American Large Aspin, <i>Grandidentata</i> , 18			
5. Bitternut ditto, <i>Amara</i> , XLII. 6		10. Common White or Grey Poplar, <i>Canescens</i> , XXII. 5			
6. Water Bitternut Hickory, <i>Aquatica</i> , LXVI. 7		1. Cabbage Tree, <i>Chamerops Palmetto</i> , XCV. 2			
7. Mockernut Hickory, <i>Tomentosa</i> , XXXVII. 17		1. Pride of India, <i>Melia Azedarach</i> , XIX. 6			
8. Shellbark Hickory, <i>Squamosa</i> , LXVI. 8		1. Pistacia Tree, <i>Pistacia Vera</i> , 5			
9. Thick Shellbark ditto, <i>Laciniosa</i> , LVIII. 9		1. American Chestnut, <i>Castava Visca</i> , VII. 5			
10. Pignut ditto, <i>Porcina</i> , LVII. 12		2. Chincapin, <i>Pumila</i> , XXVIII. 9			
11. Nutmeg ditto, <i>Myristiceiformis</i> , XXXVII. 16		1. White Beech, <i>Fagus Sylvestris</i> , XLV. 10			
MAPLES.		2. Red Beech, <i>Ferruginea</i> , LIV. 7			
First Section. <i>Sessile Flowers</i> . <i>Fructification vernal</i> .					
1. White Maple, <i>Acer Eriocarpum</i> , LXIV. 9					
2. Red Flowering, <i>Rubrum</i> , XLIX. 14					
Second Section. <i>Pedunculated Flowers</i> . <i>Fructification autumnal</i> .					
3. Sugar Maple, <i>Acer Saccharinum</i> , V. 8					
4. Black Sugar Maple, <i>Nigrum</i> , LI. 11					
5. Norway Maple, <i>Platanoides</i> , LII. 12					
6. Sycamore, <i>Pseudo-Platanus</i> , XVIII. 4					
7. Moose Wood, <i>Striatum</i> , LI. 12					
8. Box Elder, <i>Negundo</i> , LI. 9					
9. Mountain Maple, <i>Montanum</i> , LXII. 4					
1. Dogwood, <i>Cornus Florida</i> , XV. 4					
1. Georgia Bark, <i>Pinckneya pubens</i> , XXXVIII. 17					
1. Coffee-Tree, <i>Gymnocladus-Canadensis</i> , VIII. 5					
1. Spanish Coffee-Tree, <i>Cassia Occidentalis</i> , XXXIX. 8					
1. Wild or Cane Vine, <i>Vulgo</i> , XXXVII. 15					
MAGNOLIAS.					
1. Large Flowered Magnolia, <i>Magnolia grandiflora</i> , LX. 3					
2. Small Magnolia, <i>Glaucua</i> , XXI. 9					
3. Cucumber Tree, <i>Acuminata</i> , XXX. 6					



SARCOPHAGA CALIFORIENSIS.
CALIFORNIAN VULTURE.

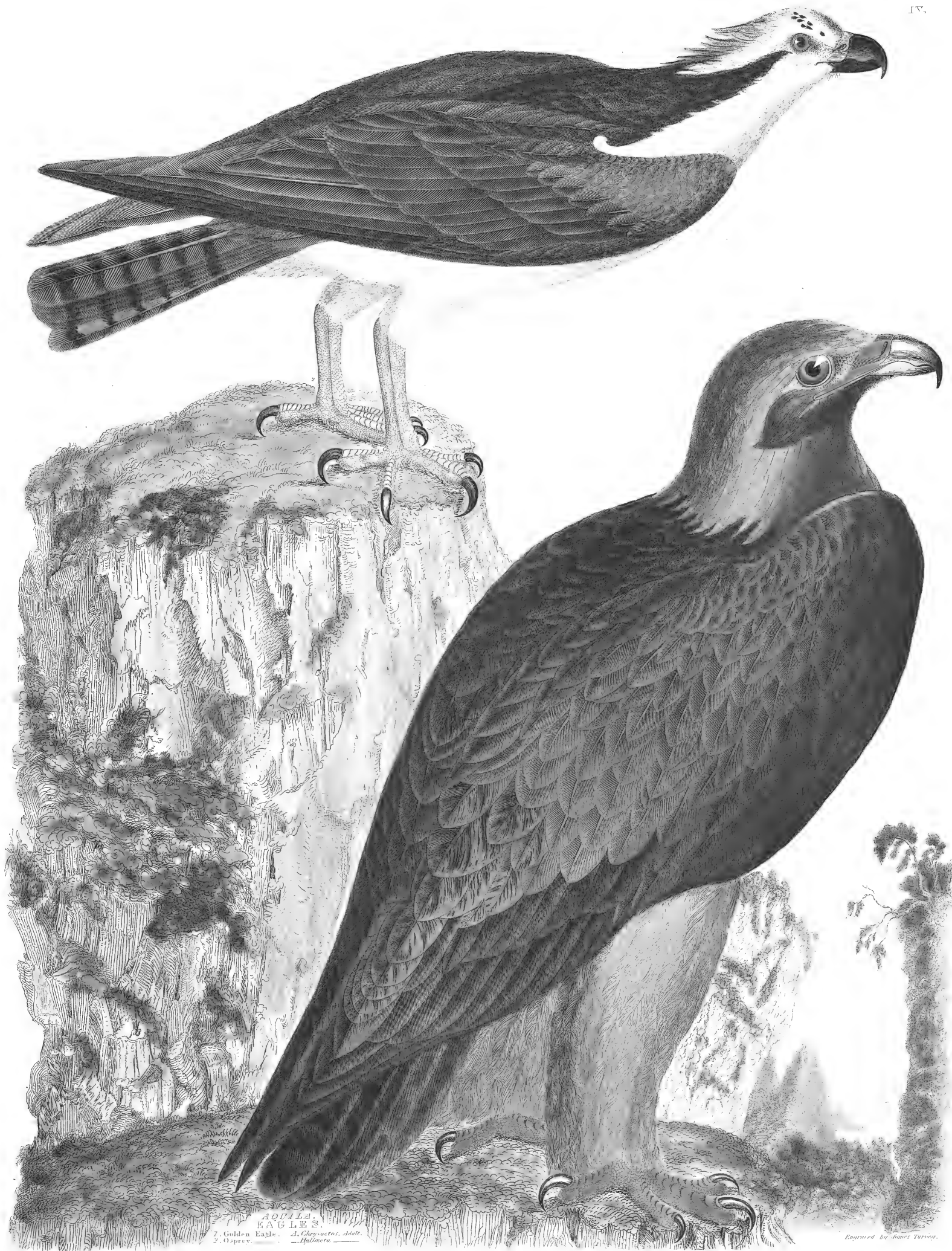
Engraved by Samuel Milne.

Drawn by Capt. Thos. Brown



CATHARTES AURA
TURKEY VULTURE.





AQUILA
EAGLES
1. Golden Eagle. 2. Osprey.
3. Chrysaetos, Adult. 4. Halimetus.

Engraved by James Turren.



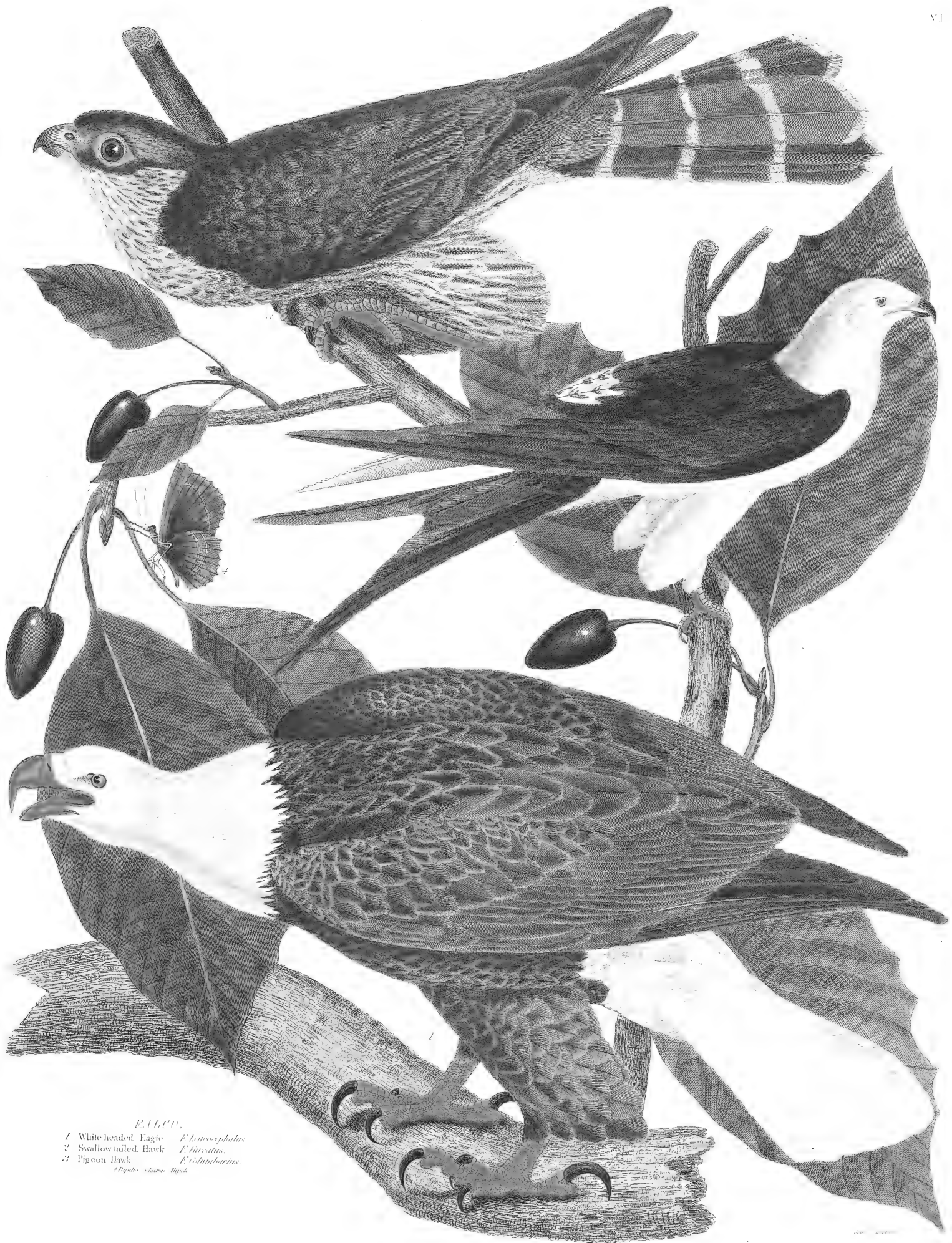
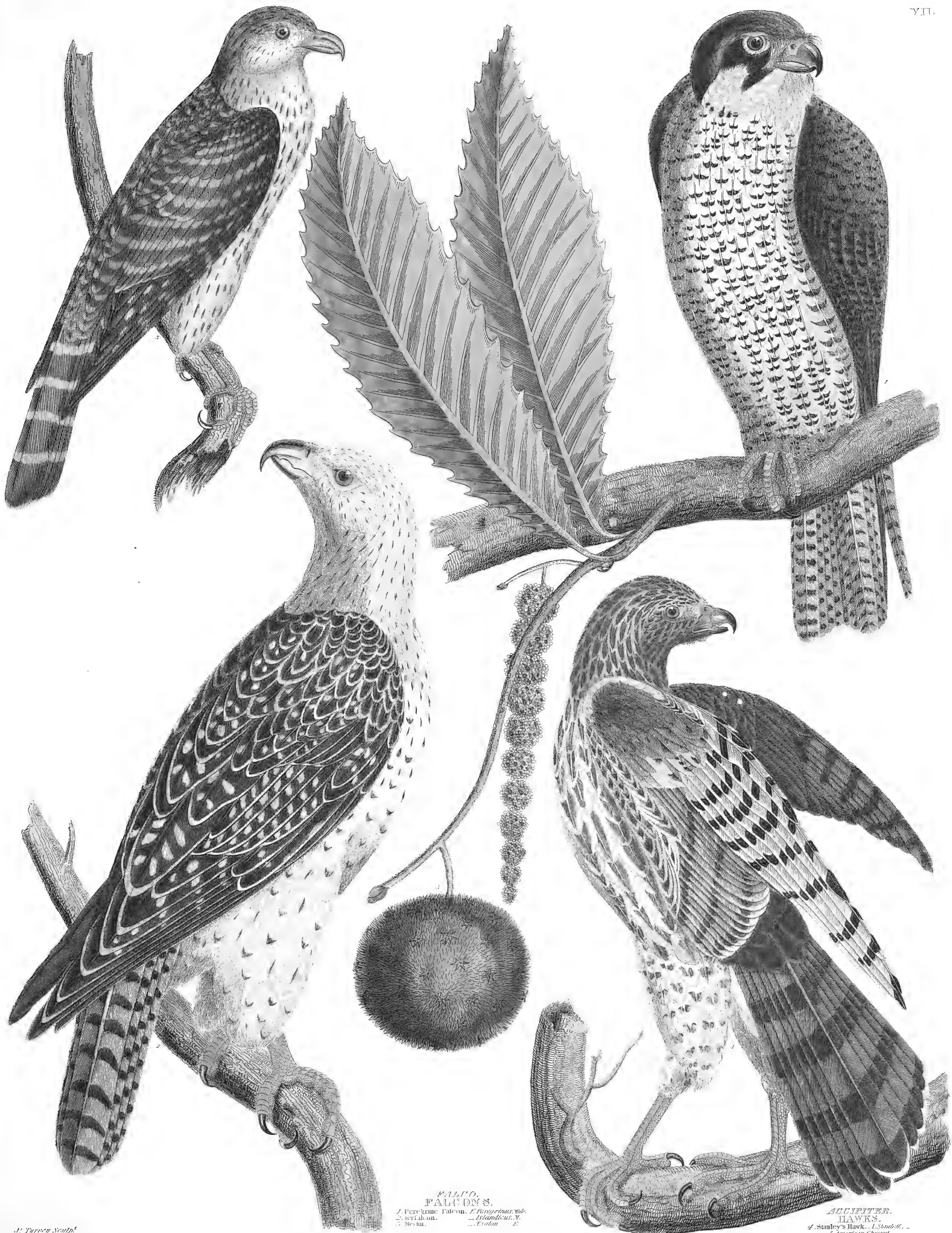


PLATE.
 1 White-headed Eagle *Haliaeetus phalacrocorax*
 2 Swallow-tailed Hawk *E. fuscus*
 3 Pigeon Hawk *E. columbarius*
Aquila laevis *Aquila*



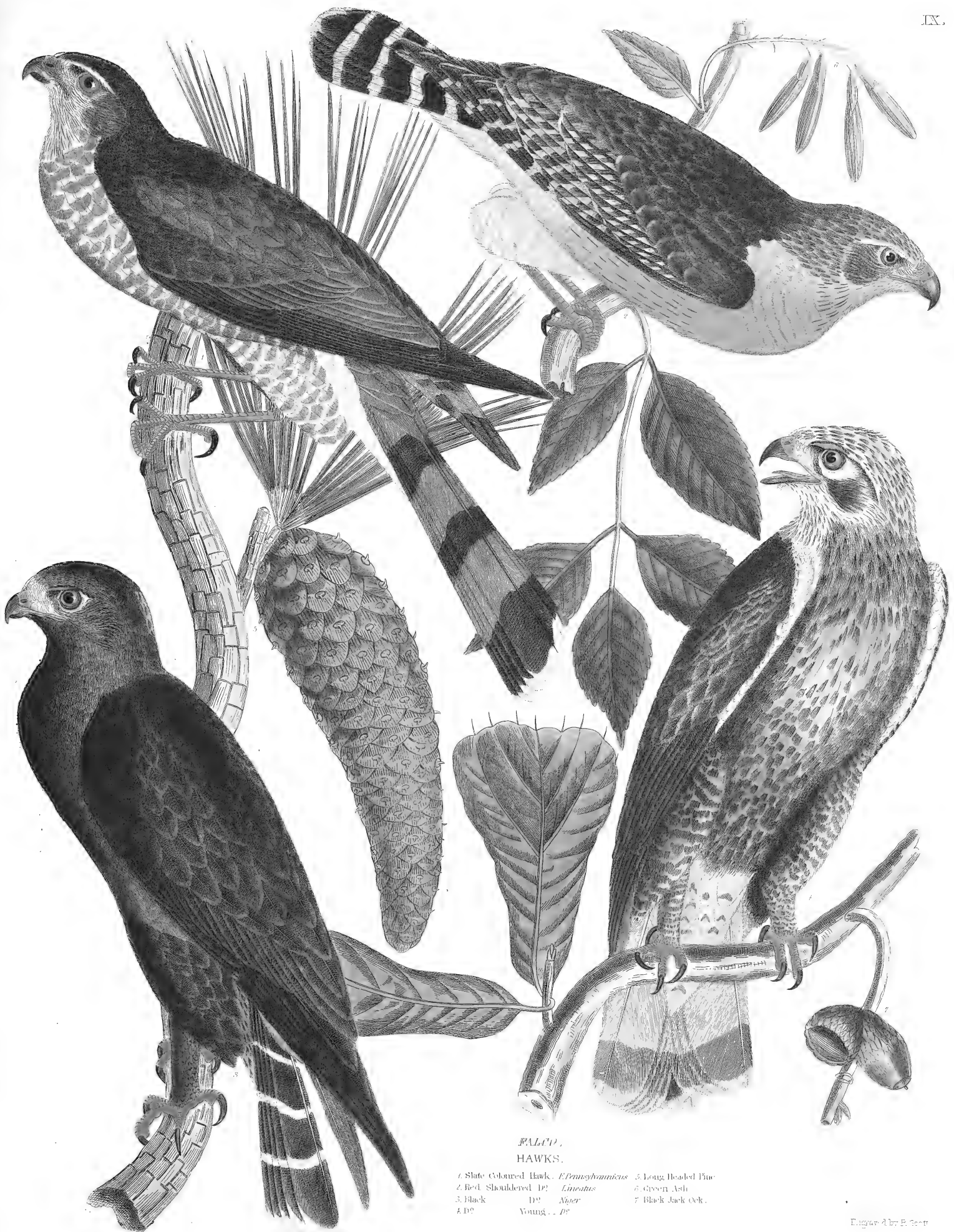
FALCO.
FALCONS.
1. Peregrine Falcon. F. peregrinus. Vol.
2. Merula. ...
3. ...
4. ...

ACCIPITER.
HAWKS.
1. Stanley's Hawk. A. ...
2. American Osprey.



FIELD
HAWKS.

- 1 Rough-Legged Falcon. *F. Lanius.*
 2 Broad-Winged Hawk. *B. latissimus.*
 3 Sharp-Shinned Hawk. *P. l. Young female.*
 4 Red Oak, & Culture Tree.



FALCO.
HAWKS.

- | | |
|--|---------------------|
| 1. Slate Coloured Hawk. <i>F. Pruneyaninus</i> | 5. Long Headed Hawk |
| 2. Red Shouldered Hawk. <i>Lineatus</i> | 6. Green Ash |
| 3. Black Hawk. <i>Abies</i> | 7. Black Jack Oak. |
| 4. Do. Young. <i>Do</i> | |

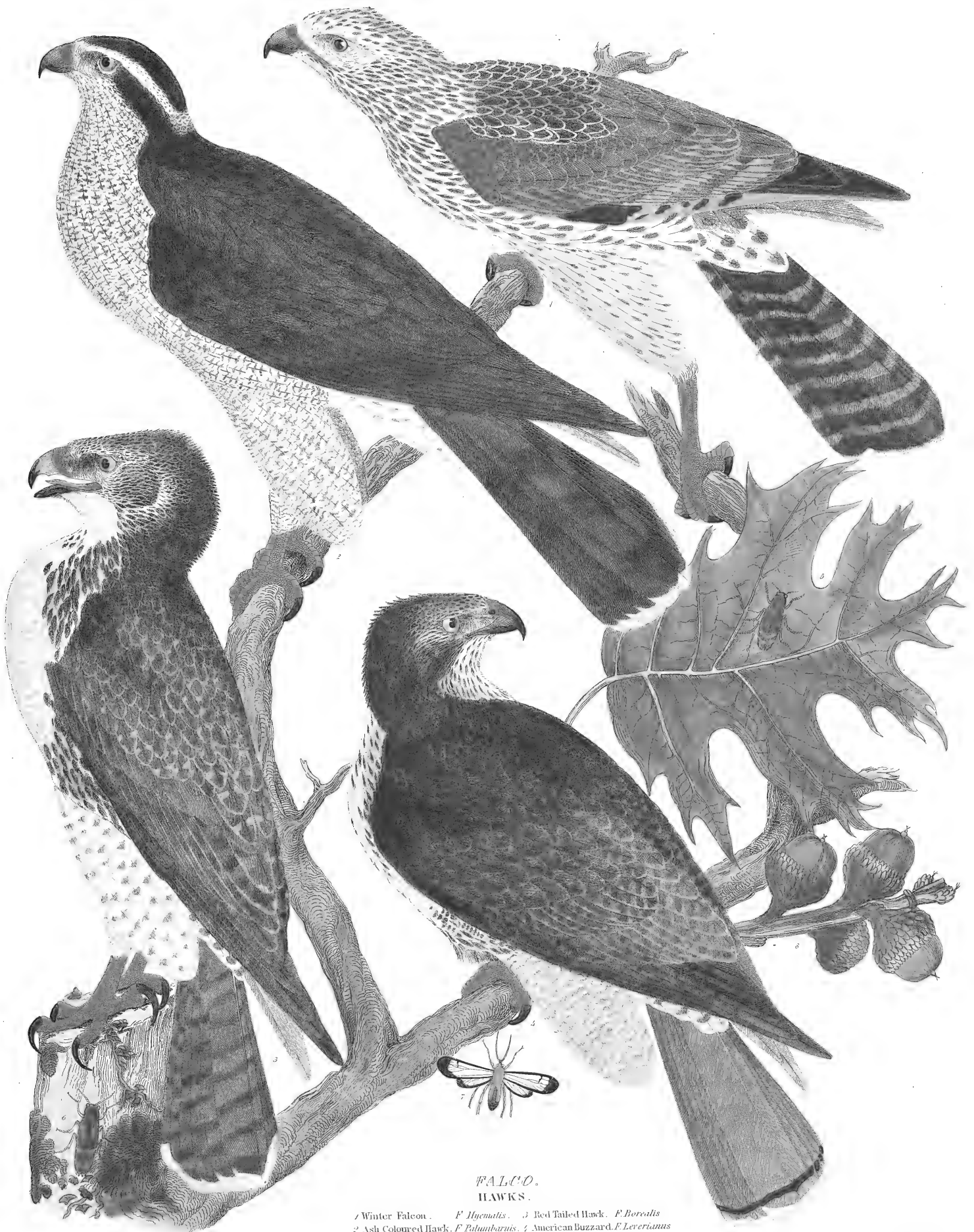


**FALCO
HAWKS**
 1. White Tailed H.E. *Dispar*. 3. Coopers H.E. *Cooperi*
 2. Blue H. *Cyanus*. 4. *Dicaeclus Dilatatus*
 5. Sweet Gum 6. Common European Oak 7. European White Oak.



FALCON
HAWKS.

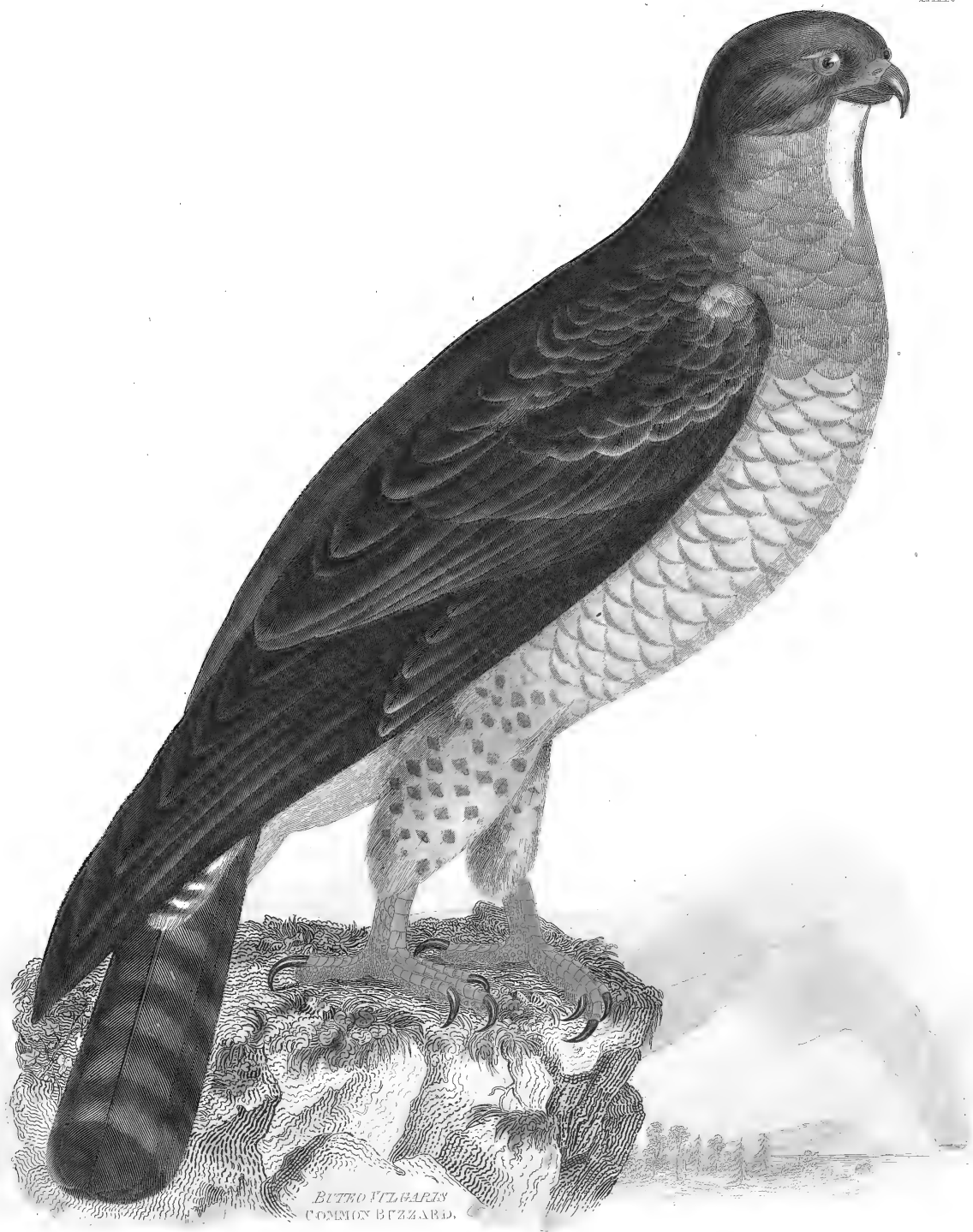
1. Peregrine Falcon. *F. peregrinus* Female.
 2. American Sparrow Hawk. *Sparverius* Male.
 3. " " " " Female.
 4. Mississippi Kite. *Mississippiensis* M.
 5. Laurel Oak. 6. Upland Willow Oak. 7. Cork Oak.



FALCO.
HAWKS.

- 1 Winter Falcon. *F. Hyemalis.* 3 Red Tailed Hawk. *F. Borealis*
2 Ash Coloured Hawk. *F. Palumbus.* 4 American Buzzard. *F. Leverianus*
5 Buprestis Fasciata. 6 Buprestis Rufipes. 7 Egeria Onuphale.
8 Black Oak.

Engraved by H. Scott.



BUTEO VULGARIS
COMMON BUZZARD.



SNOWY OWL.
STRIX NYCTEA.

Male & Female. American Crab Apple.



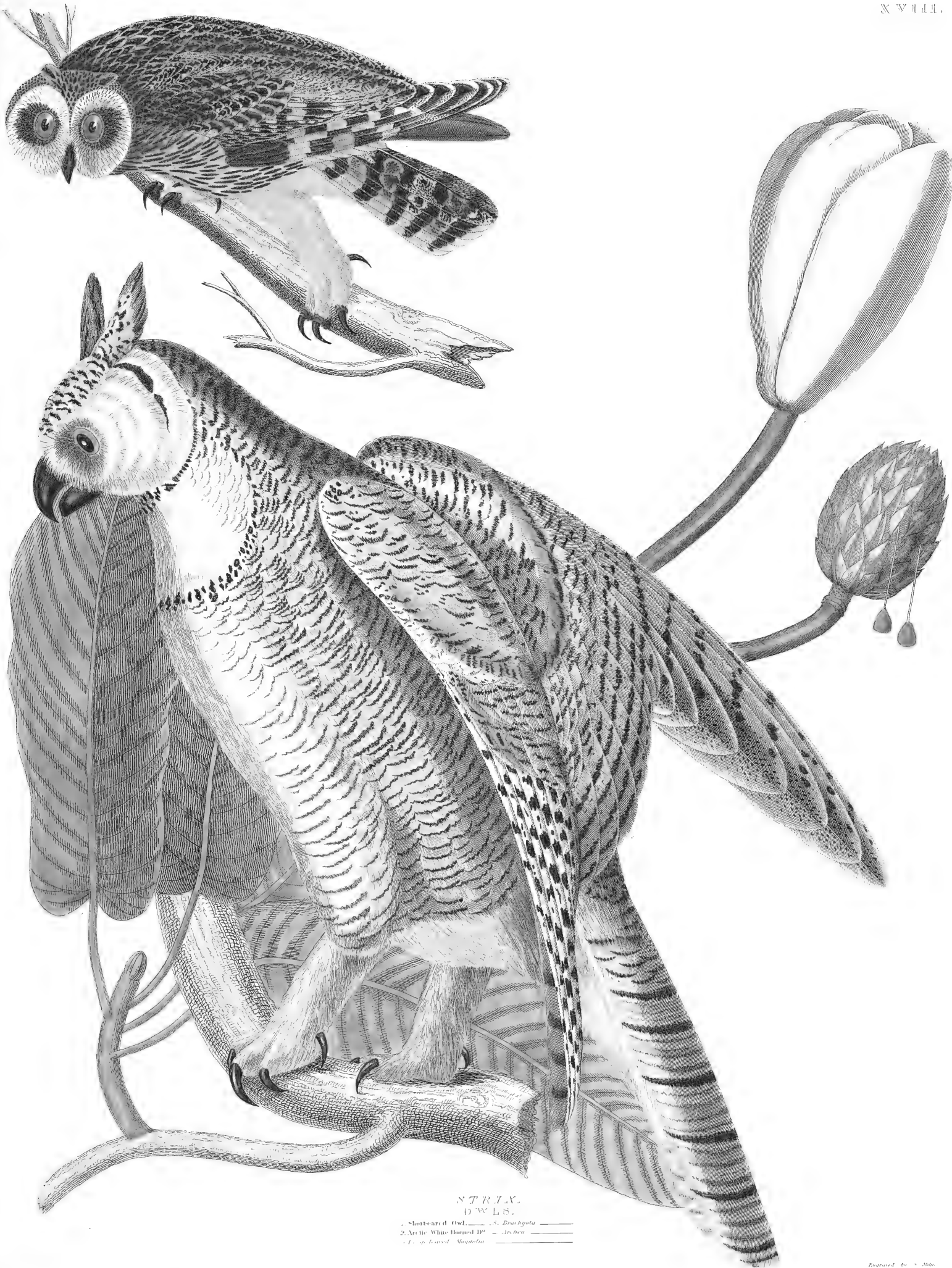
STRUT,
D. W. S.

- | | |
|-------------------------------------|---|
| 1. Great Horned Owl, S. C. C. C. C. | — |
| 2. Screech Owl, D. W. S. | — |
| 3. Dalhousie, D. W. S. | — |
| 4. Dog-wood, 5. Black Gum, — | — |



STRIX.
OWLS.

- | | | |
|-----------------|----------------------|--------------------|
| 1 Hawk Owl. | <i>Syrx Hudsoni.</i> | 6 Swamp White Owl. |
| 2 Barred " " | <i>Nyctalea</i> | 7 Black Ash |
| 3 Barn " " | <i>Flammica</i> | |
| 4 Little " " | <i>Passerina</i> | |
| 5 Burrowing " " | <i>Cornucularia</i> | |



STRYX.
OWLS.

1. Short-eared Owl. — *S. brachyotus* —
2. Arctic White-throated Owl. — *Arctia* —
3. Long-eared Owl. — *Nyctaleus* —



CORVUS
C. C.

C. corax *C. cafer* *C. sinensis* *C. japonicus*
C. fraxillaris *C. alpinus* *C. chrysops* *C. sinuatus*
C. sinuatus *C. sinuatus* *C. sinuatus* *C. sinuatus*



GARRETT'S.
JAYS.
1. Shortbilled Jay. *G. brachyrhynchus*.
2. Columbian D^y. *Bullockii*.
3. Masque. *Pica*.
4. Whiteflowered. *Stuartii*.



GARRULUS.
JAYS.

- | | | | |
|---------------|--------------|--------------|--------------|
| 1 Stellers J. | G. Stelleri. | 3 Florida J. | G. Floridaus |
| 2 Blue J. | Cristatus. | 4 Canada J. | Canadensis |

5. *Lycus Beticulatus*. 6. *L. Sanguinipennis*. 7. *L. Pectoratus*. 8. *Papilio Arthemus*. 9. Small *Myiophila*. 10. Yellow Birch.



EPHANTHS.
BALTIMORES.

- | | | |
|---------------------|----------------------|----------------------|
| 1 Orchard Baltimore | Adult Male Y. Sparus | 7 Redstart Spissipus |
| 2 D" | 1st Year Old | 8 Line Berry |
| 3 D" | 1st Year " | 9 White Birch |
| 4 D" | Female | 10 Black Alder |
| 5 Catesbys D" | Male Y. Baltimore | 11 Common D" |
| 6 D" | Female | 12 Sweet Rose Bay |



TROOPIALS.

- | | | |
|-----------------------------|---------------------------|-------------------------------|
| 1 Yellow Headed Troopial | Male <i>Lichodactylus</i> | 60 Calandra Tredecim Punctata |
| 2 D ^o | Female | 61 Scela Tredecim Punctata |
| 3 Red Winged D ^o | Male <i>Pheniceus</i> | 62 D ^o Confronta |
| 4 D ^o | Young | 63 White Ash |
| 5 Cow D ^o | Male <i>Pecoris</i> | 64 Willow Ock |
| 6 D ^o | Female | 65 Sweet Leaf |
| 7 D ^o | Young | |
| 8 Rice D ^o | Male <i>Asipennis</i> | 9 D ^o Female. |



QUISCALUS.
GRACKLES.

1. Great Crow Grackle. Male. Q. Major.
2. D. Female.
3. Rusty Grackle. Ferrugineus.
4. Papilio Nictip. S. P. Andromacha.
5. Termex Columbia. 7. Tulip Poplar.

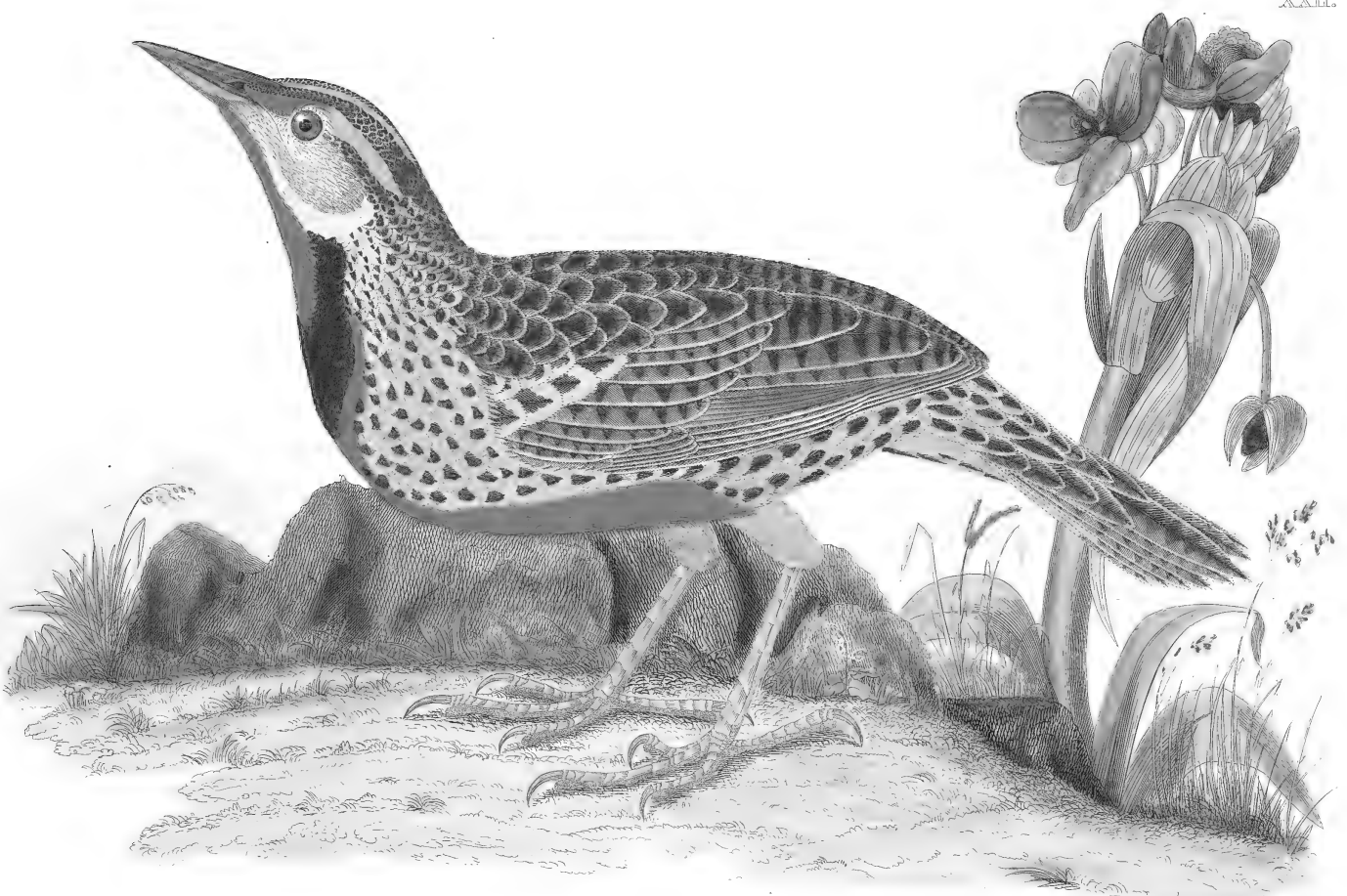


QITSCALTS
GRAKLES

1. Purple Grackle, Male. Q. *Versicolor*
2. Do. Female

3. Scarabagus Rityns Male 4. Do. Female 5. American Holly 6. Devil Weed.

E. M. Hall sculp.



STURNELLA ludoviciana
MEADOW-LARK Male
Plum. Virginia Spider-Wort

Engraved by E. M. M. M.





THESE
THRUSHES

- | | |
|------------------------|-----------------------|
| 1. Ferruginous Thrush. | <i>M. rutin.</i> |
| 2. Hermit Thrush. | <i>Solitaria.</i> |
| 3. Cat Bird. | <i>Gray's.</i> |
| 4. Mocking Bird, Male. | <i>Parus.</i> |
| 5. Robin. | <i>Merula.</i> |
| 6. Wood Thrush. | <i>Melospiza.</i> |
| 7. Tawny Thrush. | <i>Austriana.</i> |
| 8. Plane Tree. | <i>Chamaecyparis.</i> |
| 9. Champlain Willow. | <i>Salix.</i> |
| 10. Hornbeam. | <i>Fraxinus.</i> |



VERVIL
THRUSHES.

- | | | | |
|-----------------------------|---|------------------------|---|
| 1. Little Tawny Thrush. | — | <i>M. minor</i> | — |
| 2. Fitzinger's Thrush. | — | <i>M. richardsoni</i> | — |
| 3. Golden-crowned Thrush. | — | <i>M. aureocapilla</i> | — |
| 4. Water Thrush. | — | <i>M. aquaticus</i> | — |
| 5. Audubon's Thrush. | — | <i>M. ludovicianus</i> | — |
| 6. Red Bay. 7. Yellow Wood. | — | | |



CINCLIS.

MYOTHEA.

- | | |
|---------------------------------------|---|
| 1 Pallas Dipper: <i>C. Pallasii</i> . | 2 Rocky Mountain Ant-catcher: <i>M. Obscure</i> . |
| 3 Dicaeus Violaceus | 6 Cucumber Tree. |
| 4 D ^o Splendens. | 7 Papaw. |
| 5 D ^o Sculpinus. | |



SHRIKES
1 Greater Northern Shrike — *L. borealis*
2 American Gray Shrike — *E. cyathigerus*
3 Great American Shrike — *E. cyathigerus*
4 Loggerhead Shrike — *C. carolinensis*
5 Western European Shrike 6 Blue Jay
7 Yellow-capped Flycatcher



MYSTICETES,
FLYCATCHERS

- | | | |
|----|------------------------------|--------------------|
| 1 | Tyrant Flycatcher | <i>M. Prunus</i> |
| 2 | Great Crested D ^o | <i>C. C. C.</i> |
| 3 | Richardson's D ^o | <i>Richardsoni</i> |
| 4 | Scrub D ^o | <i>Ameliae</i> |
| 5 | Sage D ^o | <i>Sage</i> |
| 6 | Little Tyrant D ^o | <i>Psitt.</i> |
| 7 | Carolina Flycatcher | <i>Franklini</i> |
| 8 | Wilson's Flycatcher | <i>Wilsoni</i> |
| 9 | Wilson's Flycatcher | <i>Wilsoni</i> |
| 10 | Wilson's Flycatcher | <i>Wilsoni</i> |



1. Black-tailed Flycatcher. *Myiarchus cinerascens*.
 2. Small Green-capped. *Myiarchus cinerascens*.
 3. Wood pewee. *Pipilo fuscus*.
 4. Arkansas. *Myiarchus cinerascens*.
 5. Fox-warren. *Myiarchus cinerascens*.
 6. Swallow-tailed. *Myiarchus cinerascens*.
 7. Say's. *Myiarchus cinerascens*.
 8. California. *Myiarchus cinerascens*.
 9. Louisiana. *Myiarchus cinerascens*.
 10. Chestnut White-eye. *Myiarchus cinerascens*.
 11. Heart-leaved. *Myiarchus cinerascens*.
 12. Blue-winged. *Myiarchus cinerascens*.
 13. Large. *Myiarchus cinerascens*.
 14. Downy. *Myiarchus cinerascens*.

5. California. *Myiarchus cinerascens*. 6. Louisiana. *Myiarchus cinerascens*. 7. Say's. *Myiarchus cinerascens*. 8. Chestnut White-eye. *Myiarchus cinerascens*. 9. Heart-leaved. *Myiarchus cinerascens*. 10. Blue-winged. *Myiarchus cinerascens*. 11. Large. *Myiarchus cinerascens*. 12. Downy. *Myiarchus cinerascens*.



SETOPLAGA.
GNAT-CATCHERS.

- | | |
|--|---------------------------------------|
| 1. Hooded Gnatcatcher. | <i>S. Nitens</i> |
| 2. Green Black-capt D ^o . | .. <i>Psittilla</i> |
| 3. Yellow-tailed D ^o . | .. <i>Ruficilla</i> <i>Nole</i> |
| 4. D ^o D ^o . | <i>Fem</i> |
| 5. D ^o D ^o . | <i>Young</i> |
| 6. Selby's D ^o . | .. <i>Selbi</i> <i>M</i> |
| 7. Bonaparte's D ^o . | .. <i>Bonaparti</i> |
| 8. Small Blue Gray D ^o . | .. <i>Carulea</i> <i>M</i> |
| 9. D ^o D ^o . | <i>Fem</i> |
| 10. Peris Nacope. 11. Water Locust. 12. Wild Pine. 13. Pitch Pine. | |

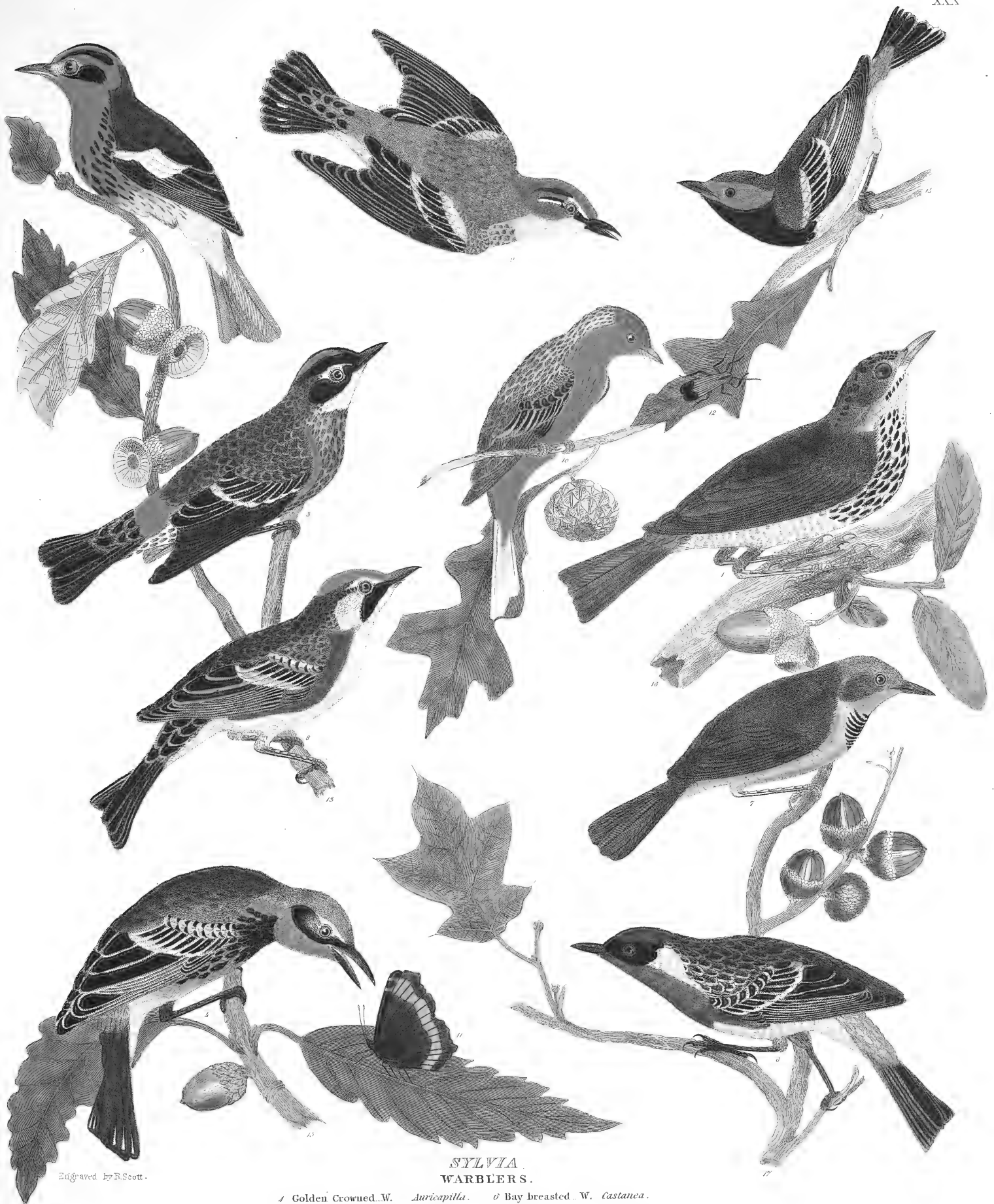
W. Davis Sculp.



CHATS

- | | |
|------------------------|--------------------------|
| 1 Yellow Throated Chat | C. Flavirostris |
| 2 Solitary | D ^o Solitaria |
| 3 Vigors | D ^o Vigorsii |
| 4 Pine Swamp | D ^o Pinetum |
| 5 Yellow Breasted | D ^o Pinnatus |
| 6 Red Eyed | D ^o Ruber |
| 7 White Eyed | D ^o Albus |
| 8 Warbling | D ^o Virens |

W. Hart, London. M. S. 1840. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



SYLVIA
WARBLERS.

- | | |
|---|--|
| 1 Golden Crowned. W. <i>Auricapilla.</i> | 6 Bay breasted. W. <i>Castanea.</i> |
| 2 Black Throated Green W. <i>Arvens.</i> | 7 Mourning. W. <i>Philadelphica.</i> |
| 3 Yellow-rumped. W. <i>Coronata.</i> | 8 Chesnut sided. W. <i>Pennsylvanica.</i> |
| 4 Black & Yellow. W. <i>Magnolia.</i> | 9 Ccerulean. W. <i>icecrista.</i> |
| 5 Blackburnian. W. <i>Blackburniae.</i> | 10 Yellow Red Pole W. <i>petachia.</i> |
- // *Papilio Vanessa.* 12 *Icterus terminalis.*
 13 Small Chesnut Oak. 14 OverCup Oak. 15 Yellow Oak. 16 Line Oak. 17 Bears Oak.



SYLVIA.
WARBLERS.

- | | | | |
|----------------------------------|---------------------|-----------------------|------------------|
| 1. Tennessee | W. S. <i>Seppia</i> | 8. Orange Crowned | W. <i>Colata</i> |
| 2. Maryland Yellow Throat, Male. | <i>Marylandica</i> | 9. Cape May, Male. | <i>Maritima</i> |
| 3. D ^o | Female. | 10. D ^o | Female. |
| 4. Blue Mountain. | <i>Torina</i> | 11. Black Poll, Male. | <i>Striata</i> |
| 5. Hemlock. | <i>Torus</i> | 12. D ^o | Female. |
| 6. Blue Green. | <i>Raro</i> | 13. Pine Creeping. | <i>Picus</i> |
| 7. Palm. | <i>Palmarum</i> | | |
| 14. <i>Polycorator</i> | | 15. Common Cane Vine. | |
| 17. Mocker Nut Hickory | | 18. Wild Orange. | |



SPITZ.
WARBLERS

1 Prairie	Warbler	8. Anna's
2 Blue Winged Yellow	Do	— Solitaires
3 Black Throated Blue	Do	— Canada's
4 Golden Winged	Do	— Chrysoparia Male
5 —————	Do	— ————— Female
6 Blue Eyed Yellow	Do	— Cerulea
7 Kentucky	Do	— Penns.
8 Canada	Do	— Parula's
9 Prothonotary	Do	— Prothonotary
10 Antennal	Do	— Antennal
11 Black and Red	Do	— Black and Red
12 Yellow Throat	Do	— Flavescent
13 Connecticut	Do	— Apila
14 Blue Yellow Back	Do	— Pralla

15 American Ashthroated 16 Red Cedar 17 Georgia Blue 18 American Large Green 19 Carolina's 20 White-Eyed 21 American Green



SYLVIA.
WARBLERS.

1. Nashville Warbler. *S. Rusticapilla*.
2. Worm-eating D^o — *Vermivora*.
3. Chickadee D^o — *Chalchicomula*.
4. D^o — D^o — *Chalchicomula*.
5. Yellow-rump D^o — *Coronata*.
6. Small-headed D^o — *Alauda*.
7. Black & Yellow D^o — *Myiophila*.
8. Spanish Coffee-tree





REGULUS.
KINGLETS.
1. American Kinglet. *R. Americanus* M.
2. D^o D^o Fem.
3. Ruby-crowned D^o *Calendula* M.
4. D^o D^o F.
5. Cuvier's D^o *Cuvieri* M.
6. Wild. Althea. 7. Swamp Oak.

S. Milne Sc.



TROGLODYTES.
WRENS.

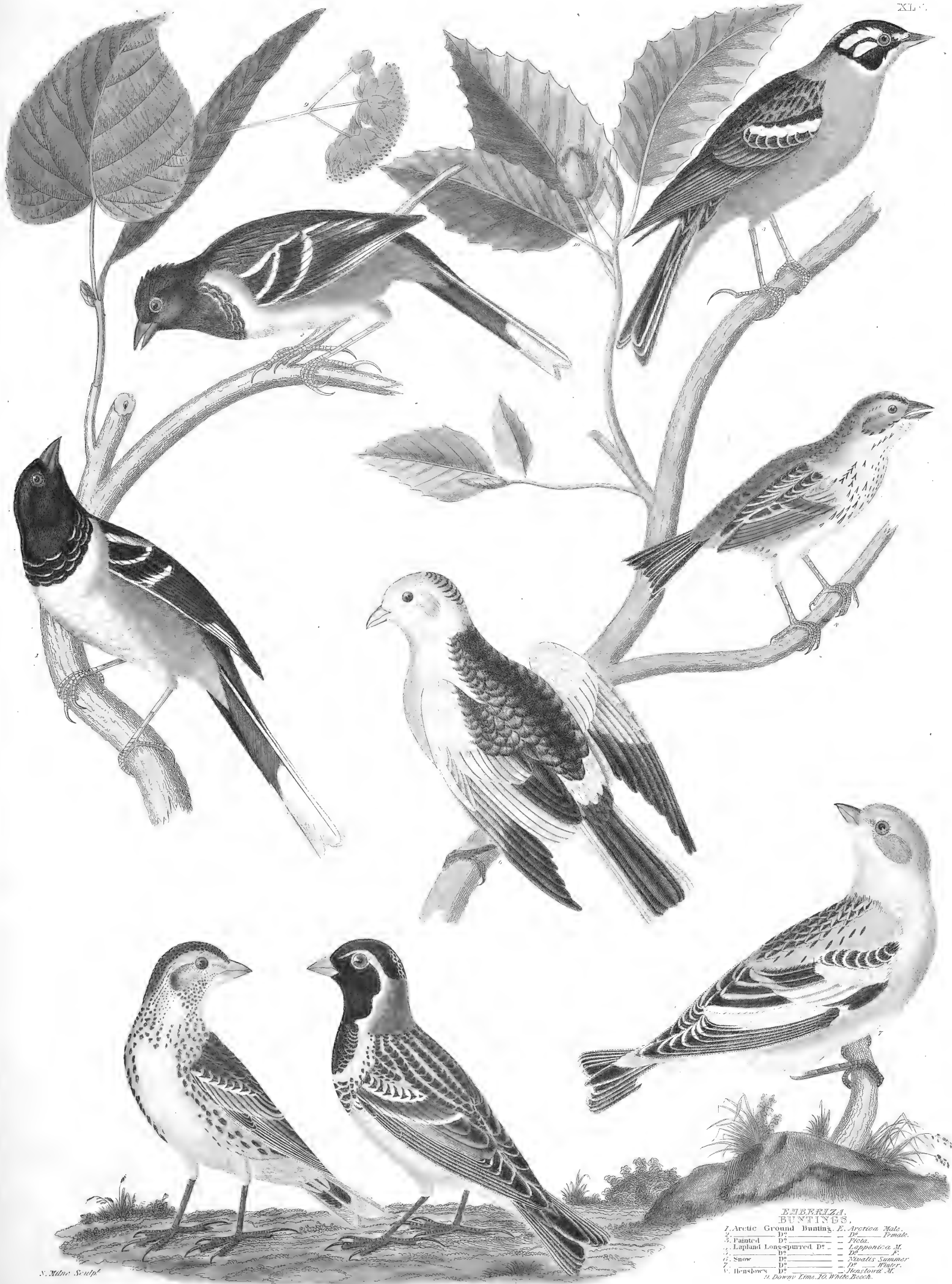
- 1 Winter Wren. *T. hyemalis*.
2 Marsh Wren. *T. palustris*.
3 House Wren. *T. vulgaris*.
4 Great Carolina Wren. *T. carolinensis*.
5 Bewick's Wren. *T. bewickii*.
6 Patternered Wren. *T. S. S. europaeus*.



SIALIA. BLUE-BIRDS.
 1 Arctic Blue Bird. *S. arctica*
 2 Common D^o. *S. Wilsoni*
ANTHUS. TTLARKS.
 3 Brewster's Lark. *A. ludovicianus* Male
 4 D^o. *A. ludovicianus* Female
 5 Prairie D^o. *A. sp.*
ALAUDA. LARKS.
 6 Shore Lark. *A. alpestris*
 7 American Lark. *A. sp.*



PARTS
TITMICE
1 Black Cap Titmouse. *P. atricapilla*
2 Crested do. *Parus*
3 Large Leaved Magnolia. 4 Crotalaria.



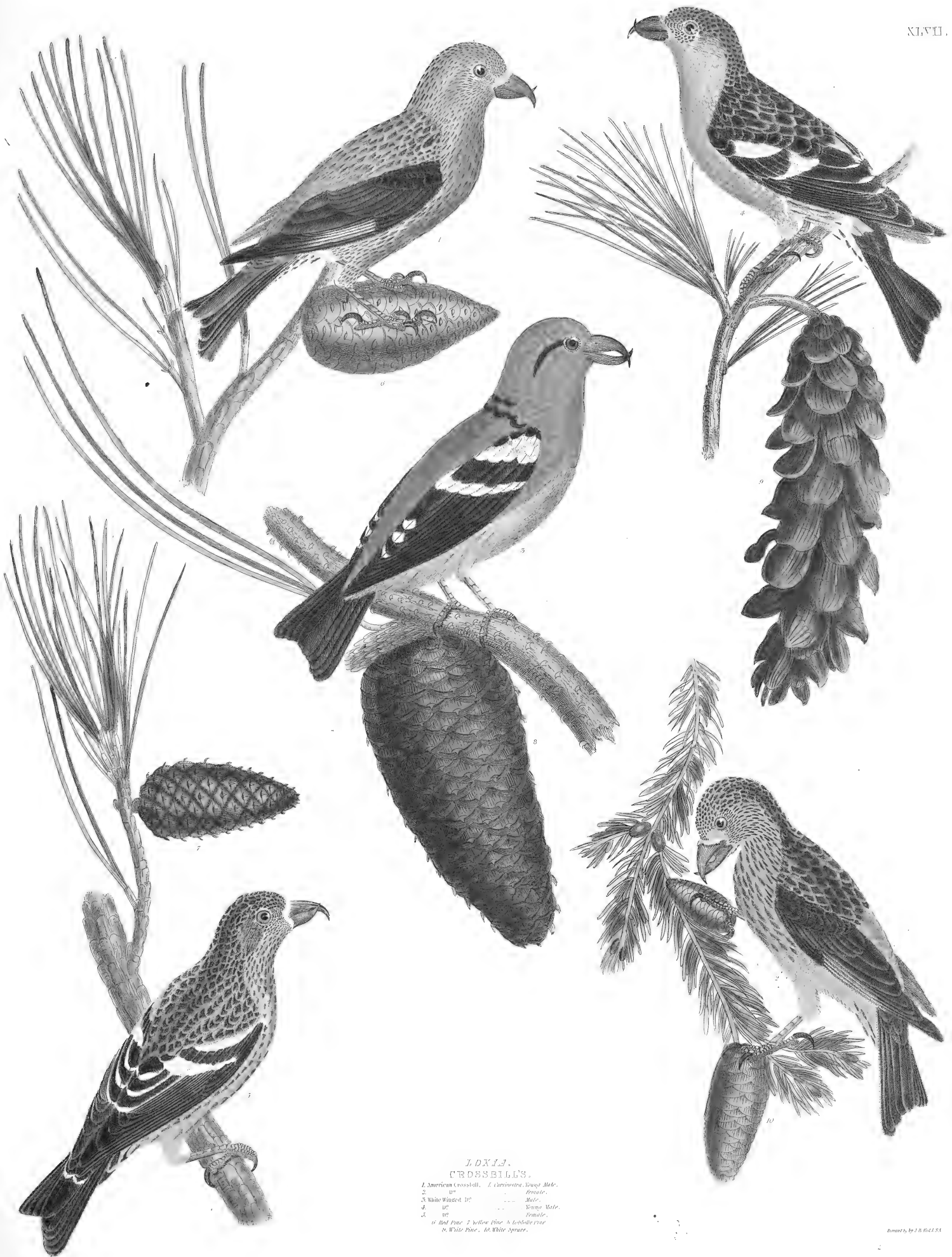
S. Wilson Sculp.

- EMBERIZA.**
BUNTINGS.
- | | |
|-----------------------------|----------------------|
| 1. Arctic Ground Bunting. | E. Arctica. Male. |
| 2. Do. | Do. Female. |
| 3. Painted | Do. Picta. |
| 4. Lapland Long-spurred Do. | Do. Lapponica. M. |
| 5. Do. | Do. Lapponica. F. |
| 6. Snow | Do. Nivalis. Summer. |
| 7. Do. | Do. Nivalis. Winter. |
| 8. Henslow's | Do. Henslowi. |
| 9. Downy | Do. Downy. |
| 10. White Back. | Do. Alba. |



TANAGERS.

1. Summer Red Bird. Male. *T. Estivo, Male*
 2. " " Female. *" Female*
 3. Scarlet Tanager. Male. *B. Reda, Male*
 4. " " Female. *" Female*
 5. Louisiana Tanager. *Columbianus*
 6. Black Cherry. *T. Shining Willow*
 7. Towhee. *T. Iron Wood*



LXXXI.
CROSSBILLS.

1. American Crossbill. 2. L. cristata. Young Male.
3. White Winged D. 4. L. cristata. Female.
5. L. cristata. Male. 6. L. cristata. Young Male.
7. L. cristata. Female.
8. Red Pine. 9. Yellow Pine. 10. Loblolly Pine.
11. White Pine. 12. White Spruce.



PYRRHULA,
BULLFINCHES.

- | | |
|---|------------------------|
| 1 Pine Bullfinch Male - <i>P. Eumelodes</i> . | 5 Table Mountain Pine. |
| 2 Do Young Do | 7 Pond Do |
| 3 Do Female | 8 Black Spruce Do |
| 4 Crimson Headed Male - <i>Frontalis</i> . | 9 American Silau Fir. |
| Do Female | 10 Ternus Sericeus. |
| | 11 Do Obsolete. |



FRINGILLA.
FINCHES.

- | | | | | |
|-----------------------|---------------------|--------------------------------------|---------|----------------------|
| 1. Lazuli Finch. | <i>F. Amena.</i> | 5. Indigo Finch | Male. | <i>F. Cayana.</i> |
| 2. American Goldfinch | Male. | 6. D ^o | Female. | |
| 3. D ^o | Female. | 7. Evening D ^o | | <i>F. Esperina.</i> |
| 4. Arkansas Finch. | <i>F. Grammaea.</i> | 8. Rosebreasted D ^o Male. | | <i>F. Duliciana.</i> |
| | | 2. D ^o | Female. | |

10. European Finch.
11. American Nettle Tree
12. Butter Nut.
13. Black Willow.
14. Red Flowering Maple.



FRINGILLA.
FINCHES.

- | | |
|---|-----------------------|
| 1. White Crowned Bunting. | <i>F. leucophrys.</i> |
| 2. Bay Winged D ^o . | <i>Grammaea.</i> |
| 3. Swamp Sparrow. | <i>Palustris.</i> |
| 4. Savannah D ^o Male. | <i>Savanna.</i> |
| 5. D ^o Female. | |
| 6. Field D ^o . | <i>Pusilla.</i> |
| 7. Tree D ^o . | <i>Arborea.</i> |
| 8. Chipping D ^o . | <i>Socialis.</i> |
| 9. Yellow Winged D ^o . | <i>Passerina.</i> |
| 10. Fox-coloured D ^o . | <i>Ferruginea.</i> |
| 11. Lark Finch. | <i>Grammaea.</i> |
| 12. Mossy Cap Oak. | |
| 13. Post D ^o H. White D ^o . | |
| 14. Black Birch. | |
| 15. Rose Flowering Locust. | |



FRINGILLID.
FLYCHES.

- | | |
|------------------------|----------------------|
| 1. Painted Bunting. | F. Coie Male |
| 2. — " — | DP Female |
| 3. Sharp-Tailed Finch. | — Caudacanth |
| 4. Towhee Bunting. | — Ectoporphyrus Male |
| 5. — " — | DP Female |
| 6. Lesser Redpoll. | — Linaria — |
| 7. Snow Bird. | — Hudsonia — |

8. White Cedar 9. Bar Elder 10. Barberry Oak 11. Black Sugar-Maple 12. Snow-Willow



FRINGILLA.
FINCHES.

- | | | |
|----------------------------|----------------|---------|
| 1. White-throated Sparrow. | F. Albicollis. | Male. |
| 2. ———— | — " — | Female. |
| 3. Song Sparrow. | — Melodia. | M. — |
| 4. — " — | — — | F. — |
| 5. Gray-headed Linnet. | — Linnet. | — |
| 6. Scarlet Finch. | — — | — |
| 7. Blue Finch. | — — | — |

see Cornucopia Pallasii. 10. European Elm 12. Norway Maple.



FRINGILLA,
FINCHES

- 1 Cardinal Finch — *F. Cardinalis*, Male
 2 — *Id.* — Female
 3 Purple Finch — *Purpurea* — Male
 4 — *Id.* — Young Male
 5 — *Id.* — Female
 6 Blue Finch — *Ceryle* —
 7 Black Throated Finch — *Americana* —
 8 House Sparrow — *F. 9* — New Jersey Pine 10 House Sparrow
 11 Red Wing 12 Red Winged Blackbird

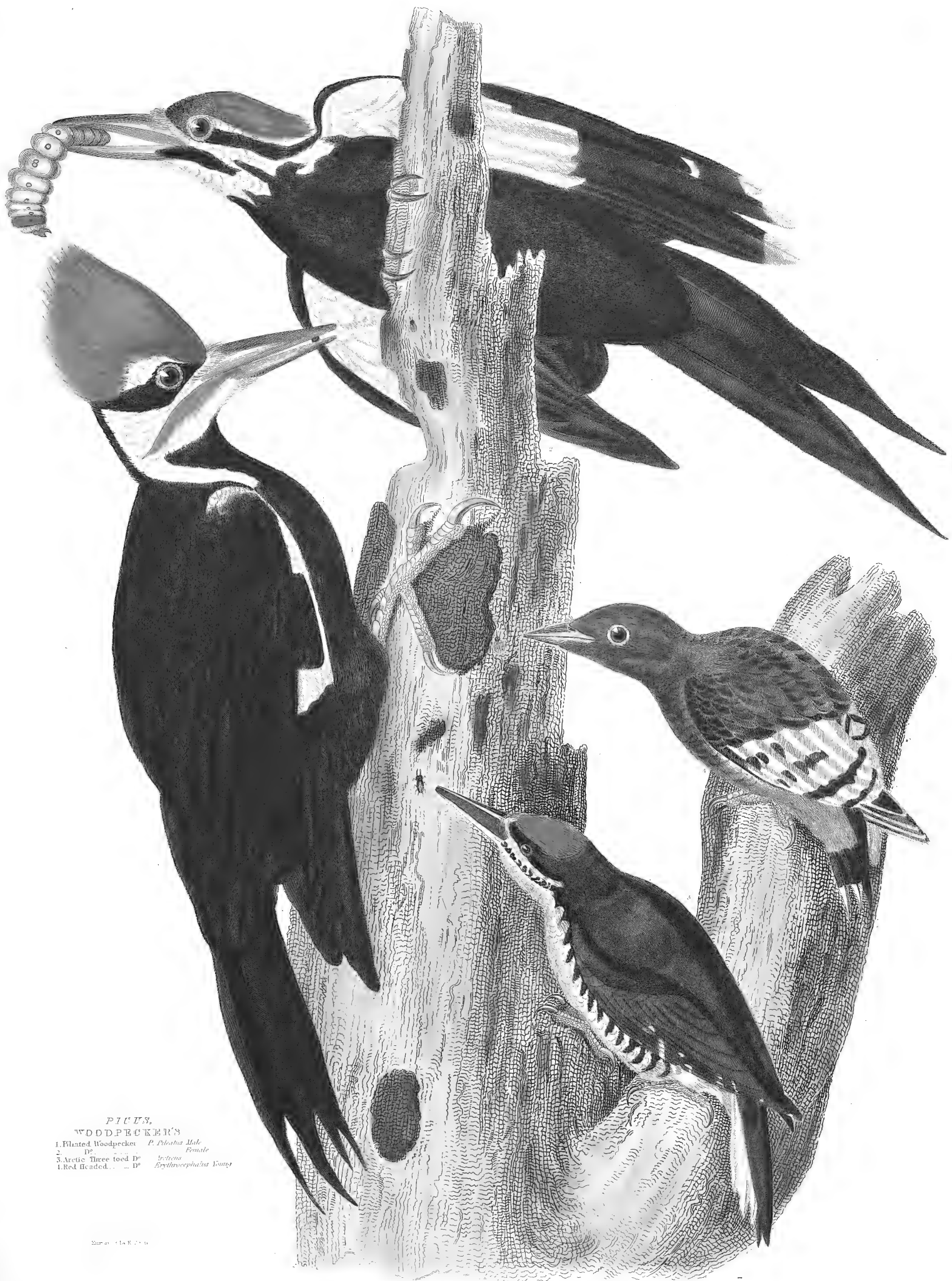


1 PSITTACUS *Carolinensis* Carolina Parrot
 2 COCCYZUS *Americanus* Yellow-billed Cuckoo
 3 *Erythrophthalmus* Black-billed "d"
 4 *Pipilo Philaeus*, 5, *Lophyrus* *Servus*, 6 *L. Dorsalis*, 7, Red Beech.

J. B. L. J. Hancock sculp.



PICUS.
WOODPECKERS.
1. Ivory-billed Woodpecker *P. principatus* Male
2. " " " " Female
3. Three-toed " " *P. tridactylus*



PICUS.
WOODPECKERS.
 1. Pileated Woodpecker *P. Pilosus* Male
 2. " " " " Female
 3. Arctic Three-toed *D. hirticornis*
 4. Red-headed " *D. erythrocephalus* Winter



PICUS.
WOODPECKERS.

- | | | | |
|-------------------|-------------------------|---------------------|----------------------|
| 1 Lewis's W. | <i>Torquatus.</i> | 4 Red Bellied W. | <i>Carolinensis.</i> |
| 2 Red headed W. | <i>Erythrocephalus.</i> | 5 Downy W. | <i>Pubescens.</i> |
| 3 Hairy W. | <i>Villosus.</i> | 6 Yellow Bellied W. | <i>Varius.</i> |

1. Pierce's Scapula. 2. Scott's Octo-maculata. 3. Lophria Fabriciana. 4. Symplicus (Sylvestris). 5. Boreo. 6. D. Brown. B. Boreo.



PLATES.
WOODPECKERS.

- | | |
|--|-----------------------------|
| 1 Red Cockaded Woodpecker. <i>P. stricklandi</i> . | 7 Rock Chestnut Oak. |
| 2 Northern Three-toed D. <i>P. tridactylus</i> . | 8 Spanish Oak. |
| 3 Yellow Bellied D. <i>P. xanthopygia</i> . | 9 Thick Shell Bark Hickory. |
| 4 D. <i>P. carolinensis</i> . | 10 Platanus Tree. |
| 5 Red Headed D. <i>P. erythrocephalus</i> . | |
| 6 Gold Winged D. <i>Auratus</i> . | |



SITTA,
NUTHATCH.
1 White Breasted Black Capped. — *S. carolinensis*.
2 Red Bellied Black Capped. — *Sitta*.
3 Brown Headed. — *Psaltria*.
4 Over Grey White Oak 5 Scarlet Oak.

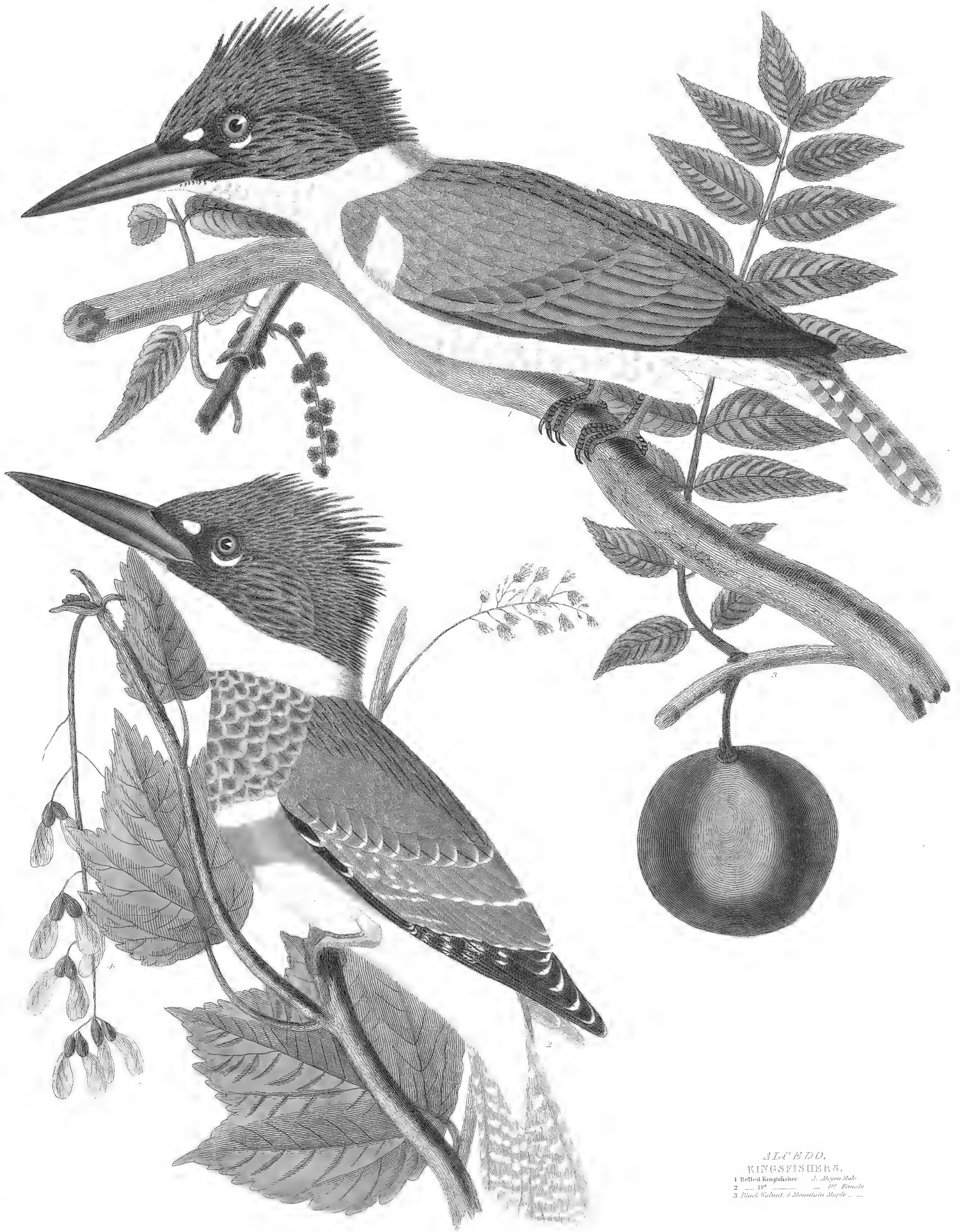


CERTHIA.
CREEPERS.

- 1 Brown Creeper *C. fuscescens*
2 Black & White Creeper *C. leucophaea*
3 Large Flowered Magnolia



TROCHILUS,
HUMMING BIRDS
1 Northern Humming Bird. *T. Colubris* Male
2 — D^o — — Female
3 — D^o — — Young
4 Red Necked D^o — *Rufus* Male
5 — D^o — — Young D^o
6 — D^o — — Female
7 — D^o — — Young 1st
8 Mountain Laurel



ALC' B D D,
 KINGFISHERS.
 1 Bell'd Kingfisher J. Ligea Stale
 2 ———— ———— ————
 3 Black Noddy, & Mountain Stagle ————



CYPSELUS, SWALLOW.

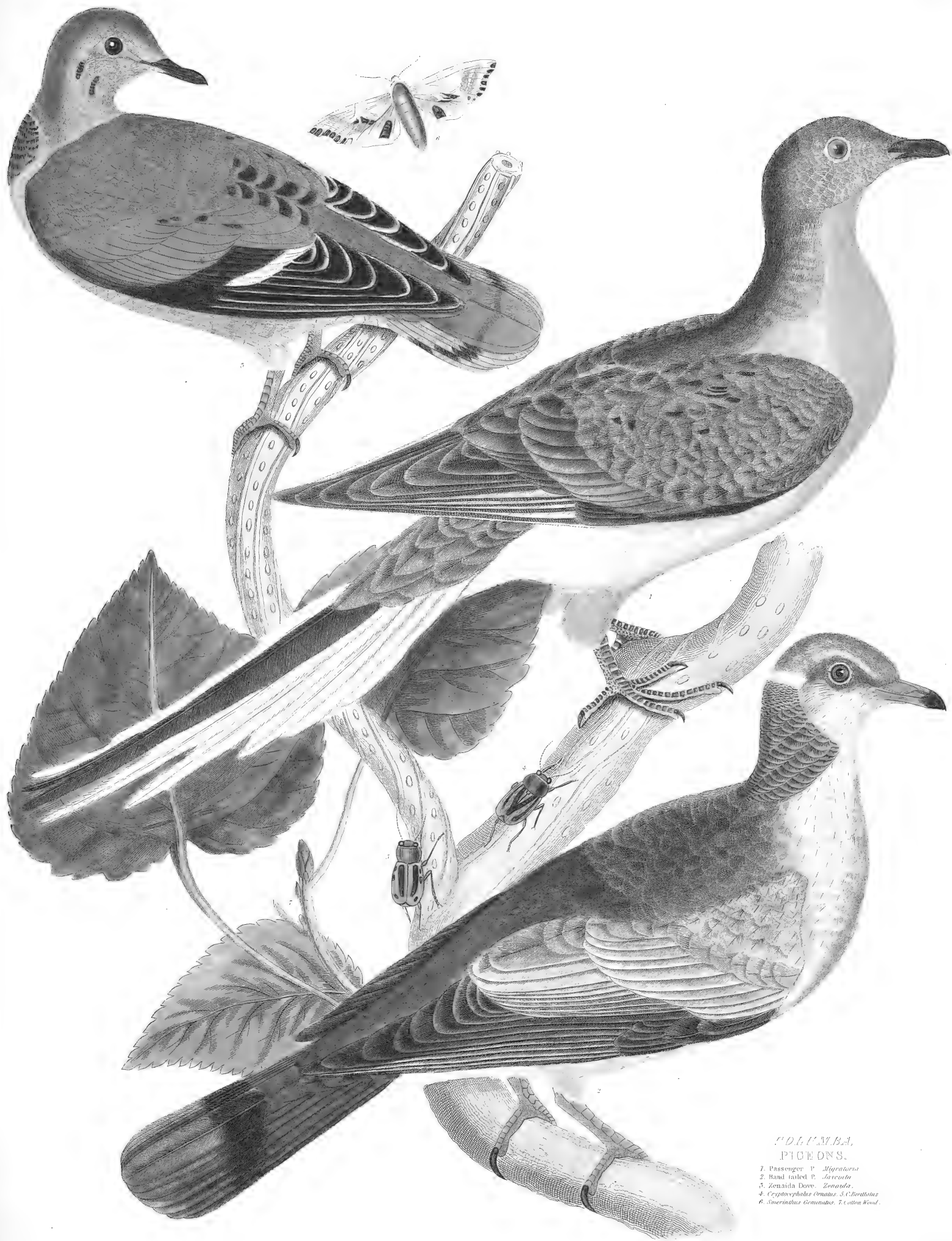
1. Chimney Swallow. *C. pelagicus*.

HIRUNDO, MARTINS.

2. Purple Martin. Male. *H. purpurea*. 6. White Bellied Swallow. *Bicolor*.
 3. D^r Female. 7. Bank Swallow. *Riparia*.
 4. Barn Swallow. Male. *Hirundo*. 8. Cliff Swallow. *Fulva*.
 5. D^r Female.
 9. Mantlepa Brunea. 10. Eggeria Esitova. Male. 11. D^r Female.
 12. Olive Tree. 13. Sassafras.



Night Hawk. *C. Tinneous*, Male.
 D^o D^o Female.
 Whip Poor Will. *V. lucidus*, Male.
 D^o D^o Female.
 Duck Will's Widow. *C. carolinensis*,
g. angonia incisuratis, Male. 7. D^o Female.
rhynchonon Graterator. 9. White Maple.
 10. Water Oak.



COLUMBA.
PIGEONS.

1. Passenger P. *Myristicivora*
2. Band-tailed P. *Javanica*
3. Zenaida Dove. *Zenaida*
4. *Cerylephaps immanis* 5. *Chalcophaps*
6. *Sinorithus Comatus* 7. Cotton Wood.

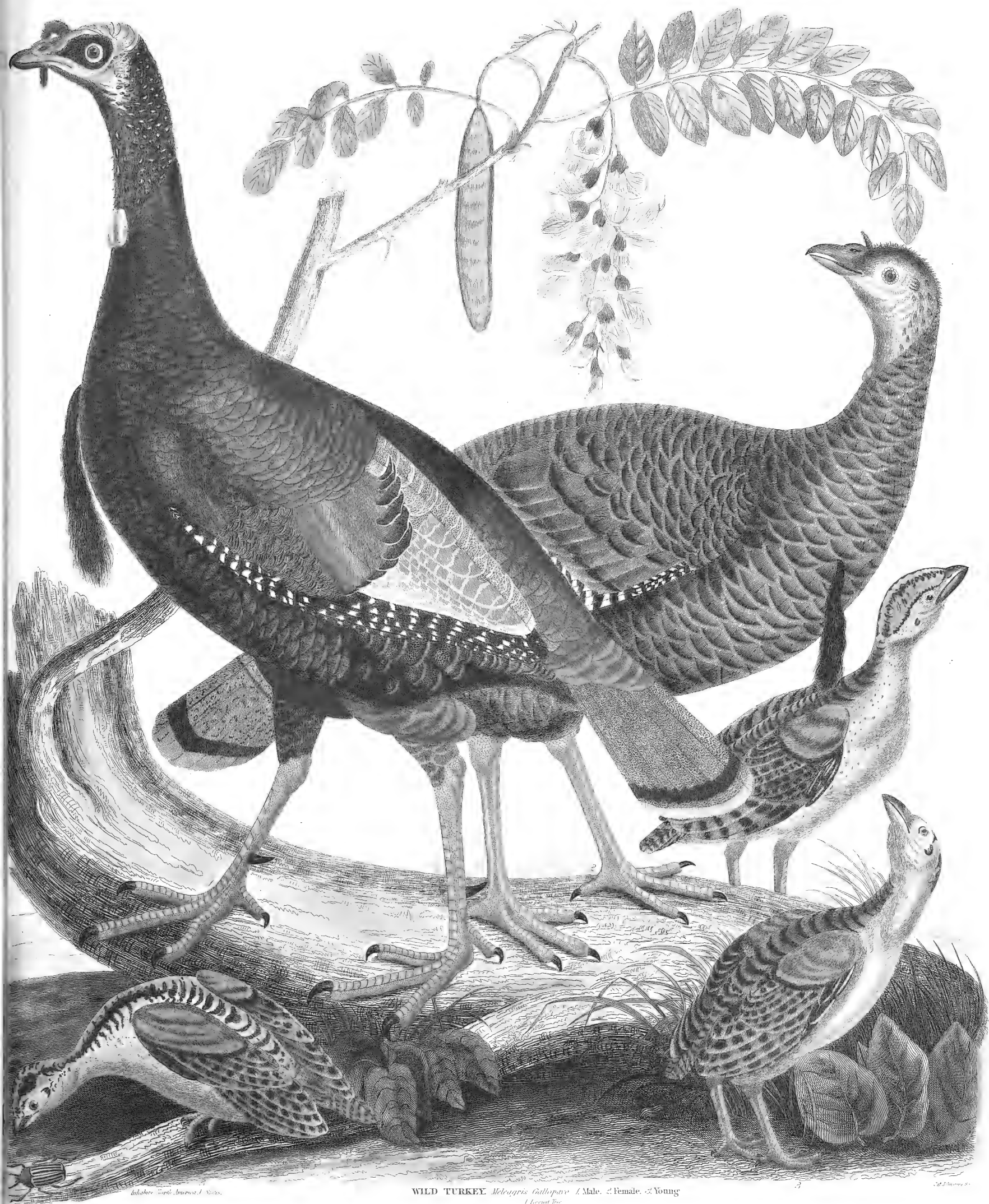


COLUMBA
PIGEONS

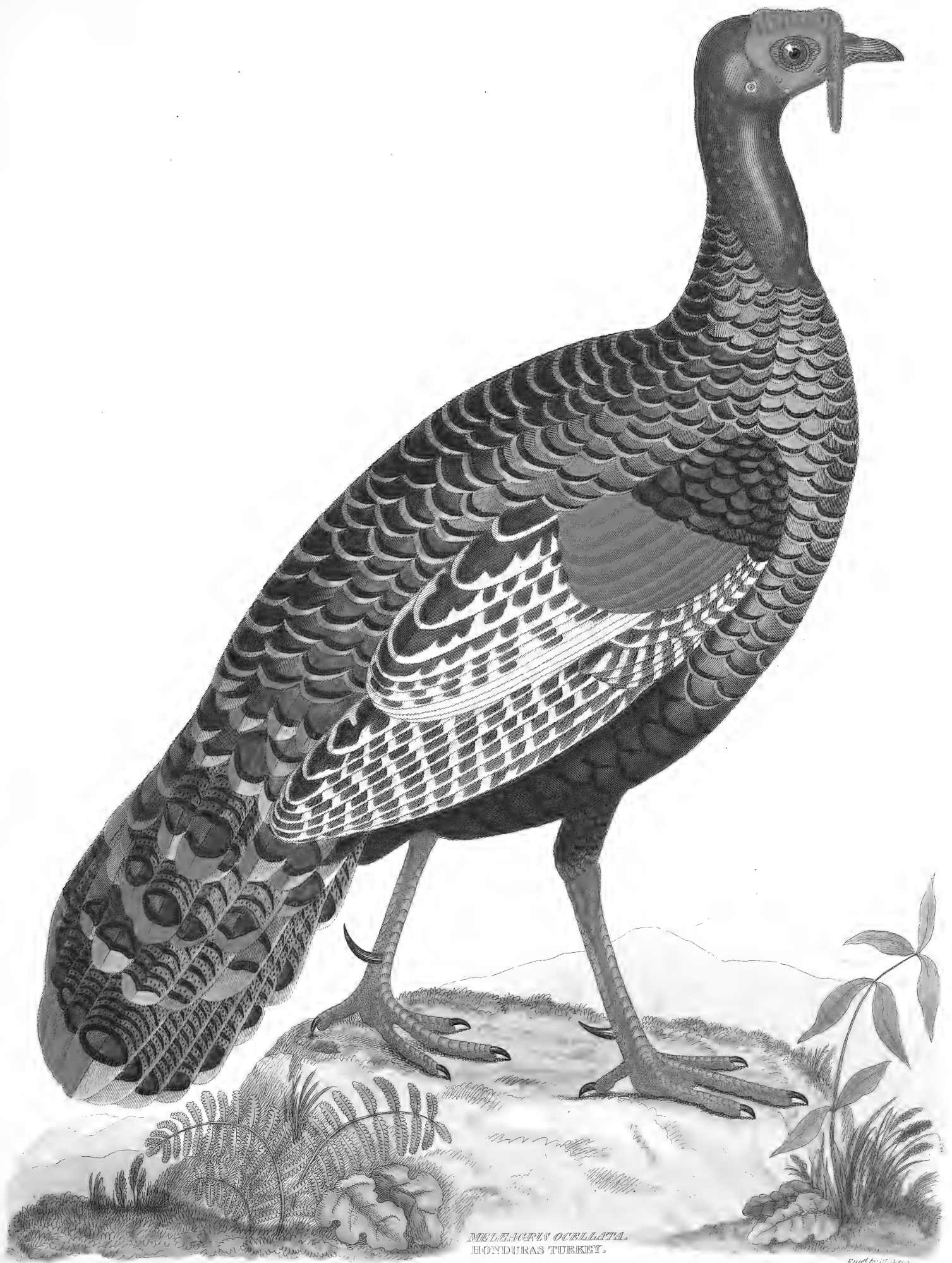
- | | |
|--------------------------|-------------------|
| 1. Carolina Turtle dove | C. Carolinensis |
| 2. White Crowned Pigeons | C. Leucocephalus |
| 3. Ground Dove | C. Passerina male |
| 4. Ground Dove | female |

5. *Leptis ornata* 6. *Syrphus obscurus* 7. *Water-Bitter* nut Hickory 8. *Shell-bark* Hickory.

Engraved by E.M. Cobb.

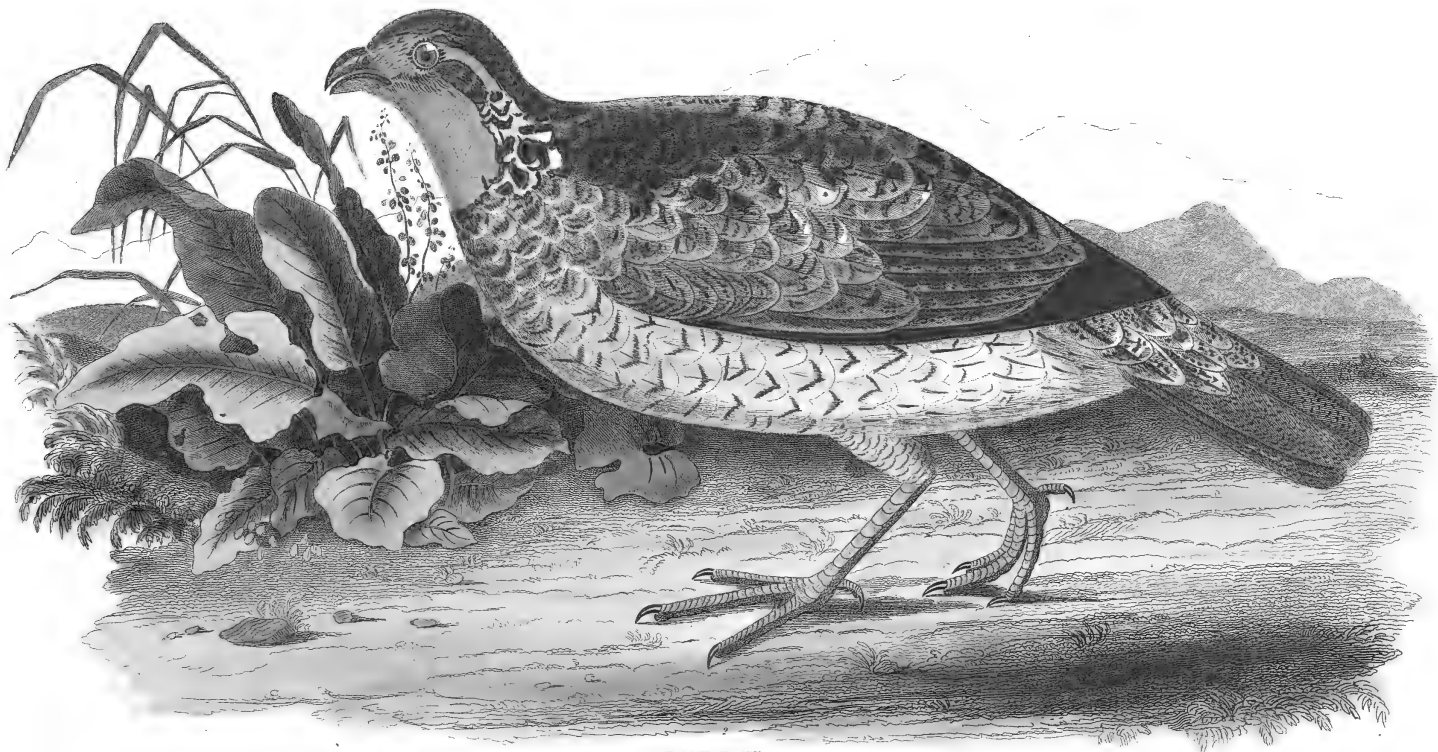
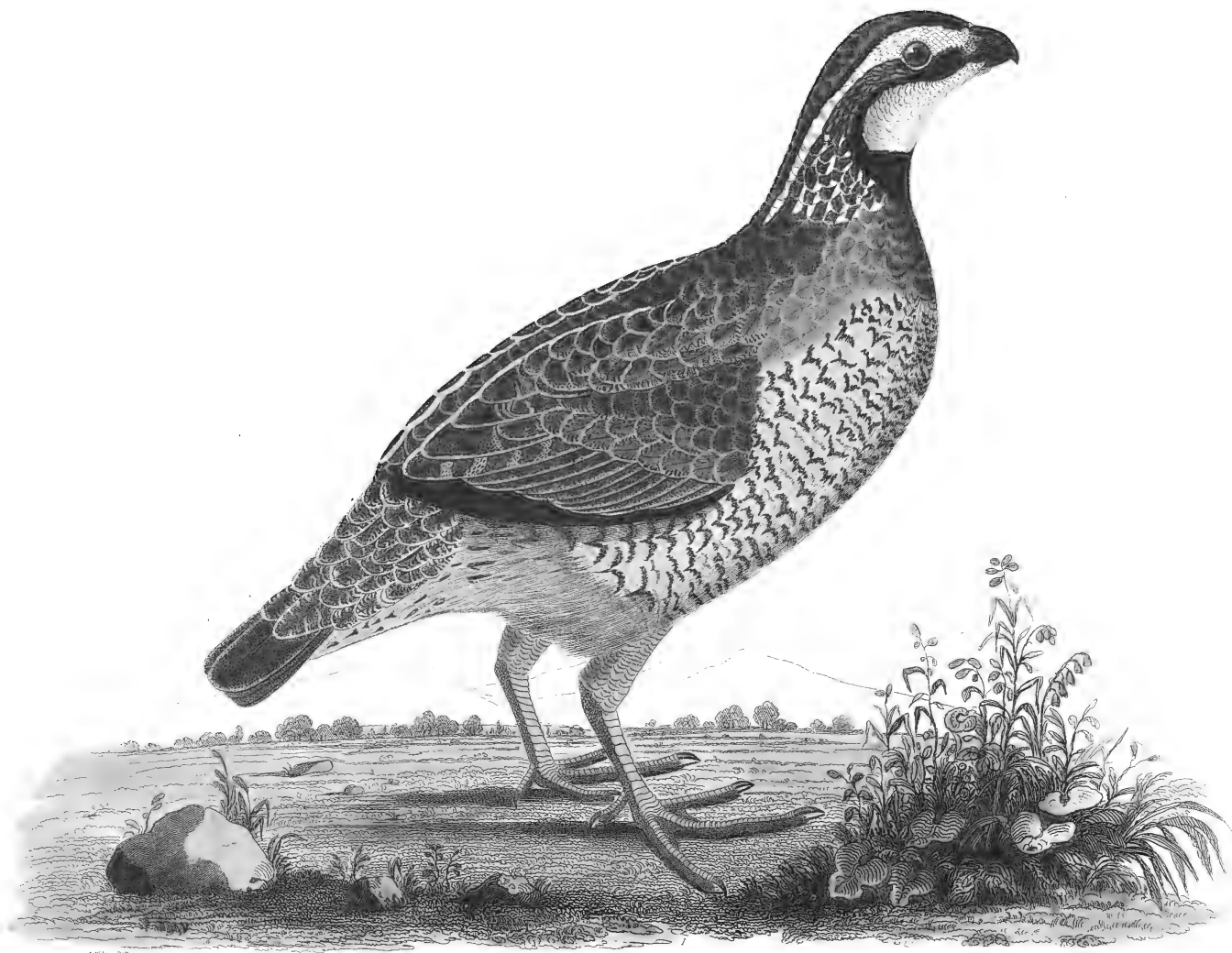


WILD TURKEY. *Meleagris Gallopavo*. 1. Male. 2. Female. 3. Young.
1. Linnæus. 2. B. 3. J. H. B.



MELEAGRIS OCELLATA.
HONDURAS TURKEY.

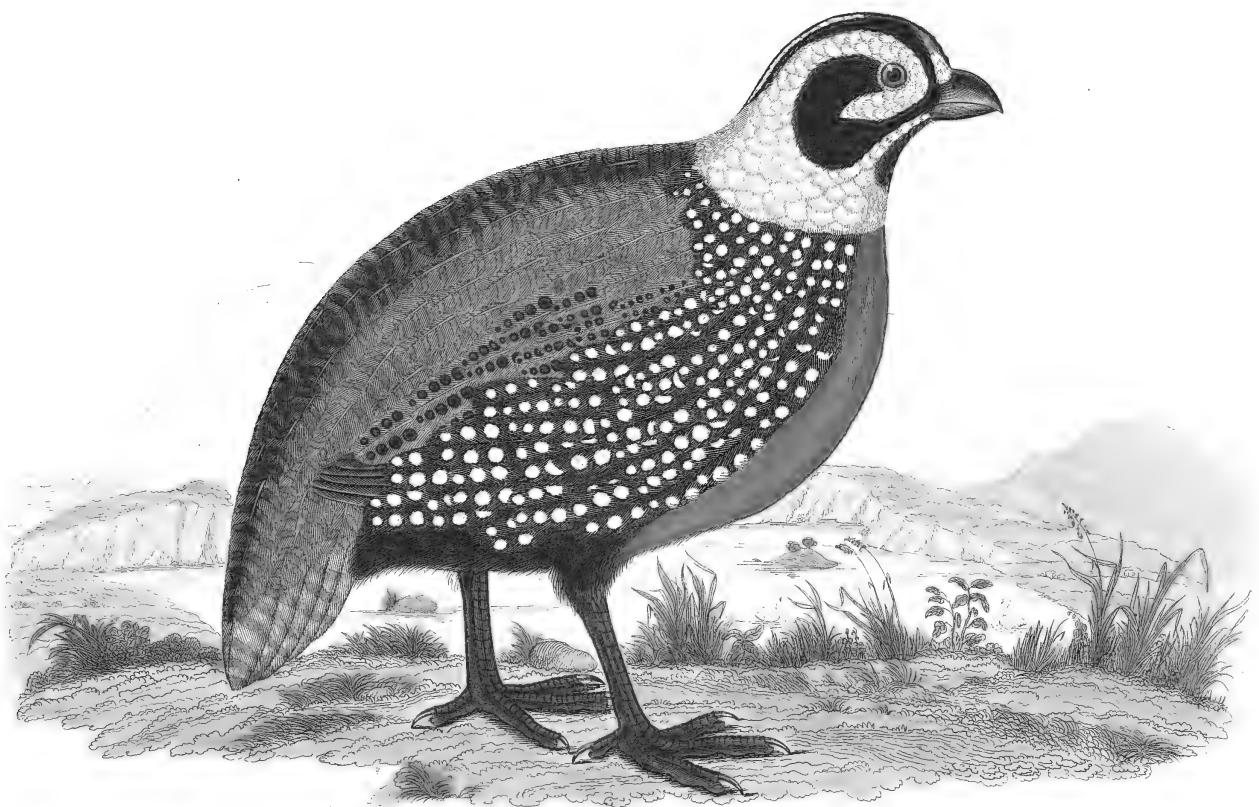
Engd by W. D. D.



PERDIX.
PARTRIDGE.

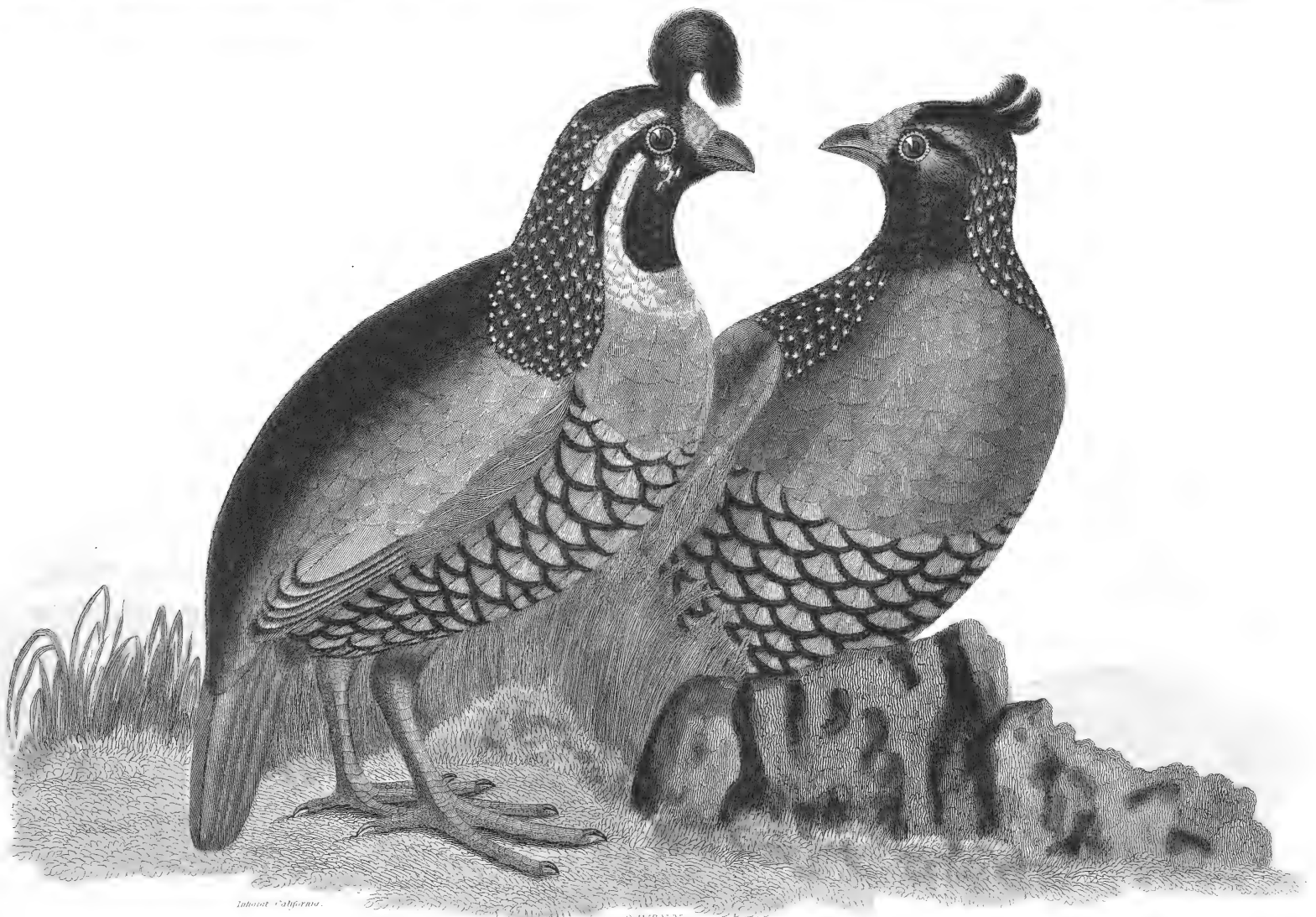
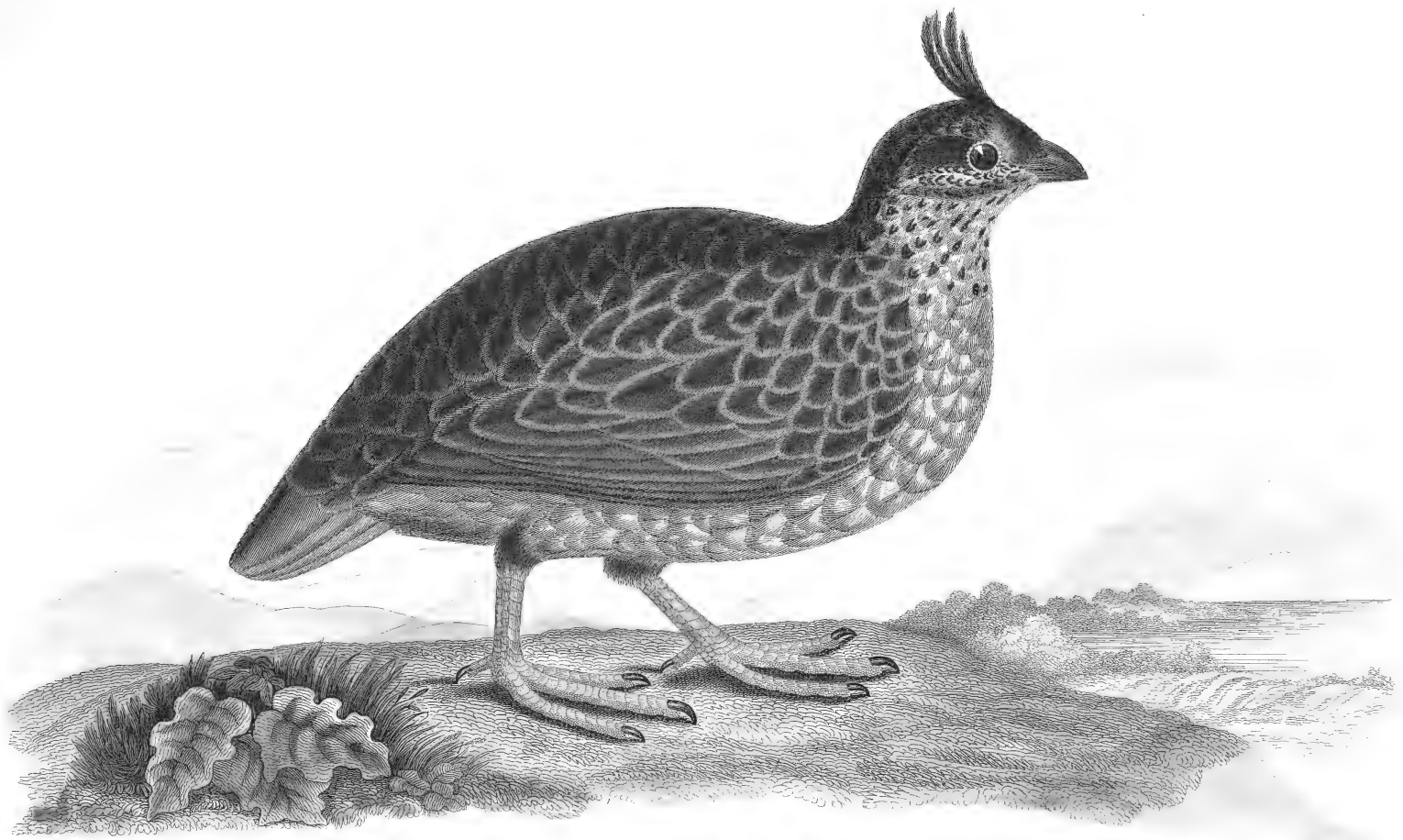
1. Virginian Partridge Male. *P. virginiana*.
2. " " female.

Engraved by W. Ellsford.



OREOPHASIA.
 QUAILS.
 1. Long-Tailed Quail. *O. macroura*
 2. Montezuma Quail. *O. montezumae*

S. Mearns Sculp.



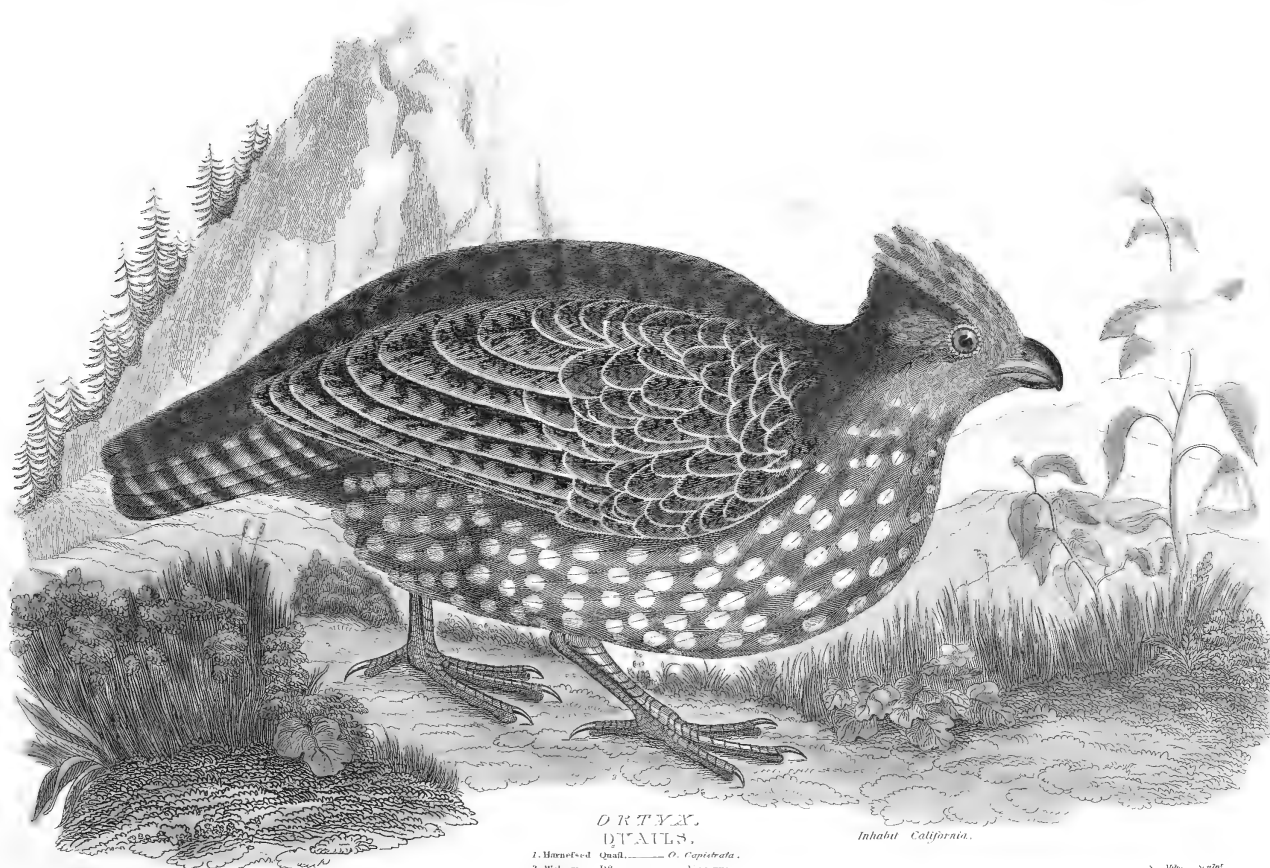
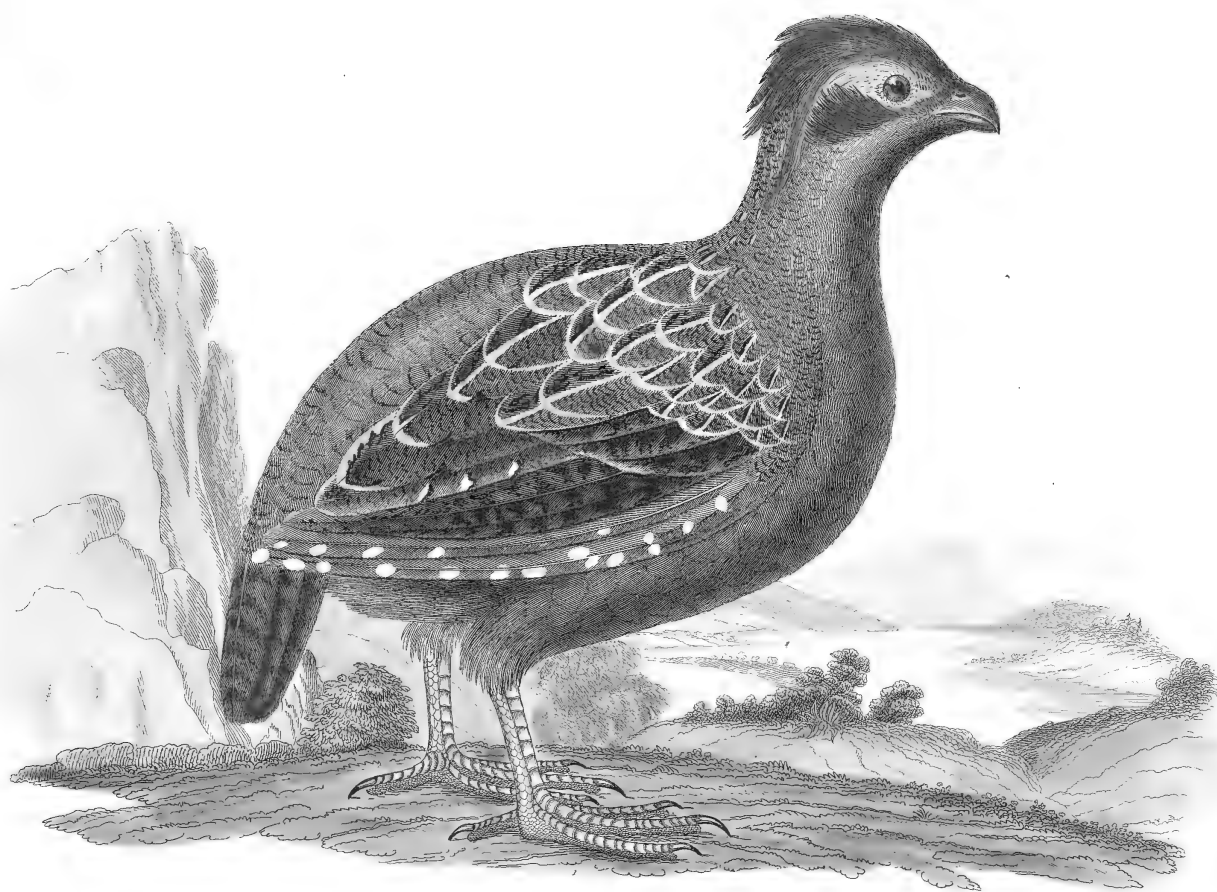
Inhabit California.

ORTYX
ULTRA.

1. Douglas's Quail. — O. douglasii. —
2. California Quail. — California. —
3. — — — — —

Engraved by Wm. Davis

Drawn by Captain Brown

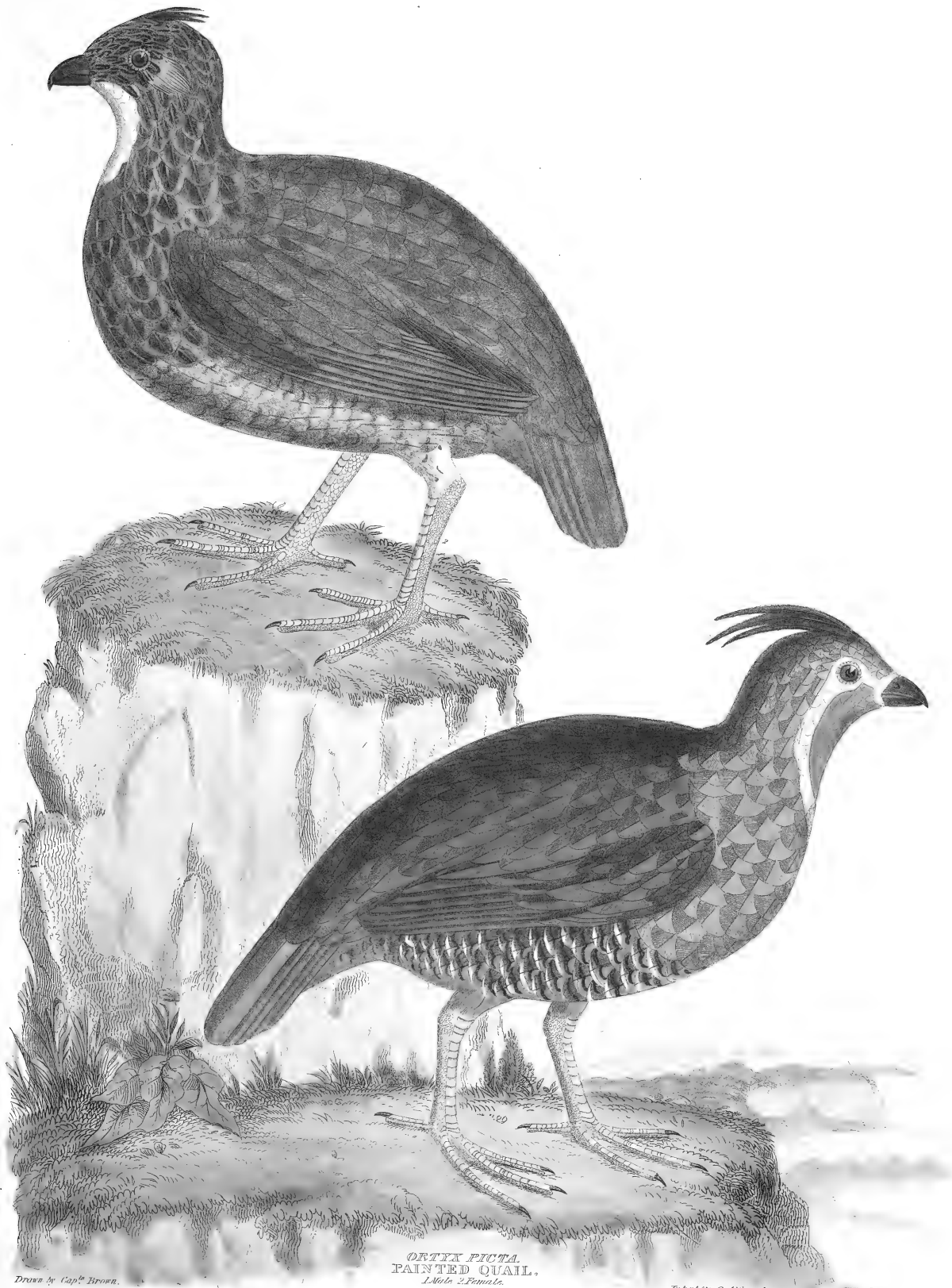


Drawn by Captain Brown.

ORYZOPSIS
DETAILS.
 1. Horned Quail. — *O. capistrata*.
 2. Welcoming Dove. — *Streptopelia*.

Inhabit California.

S. Allen. Sculp.

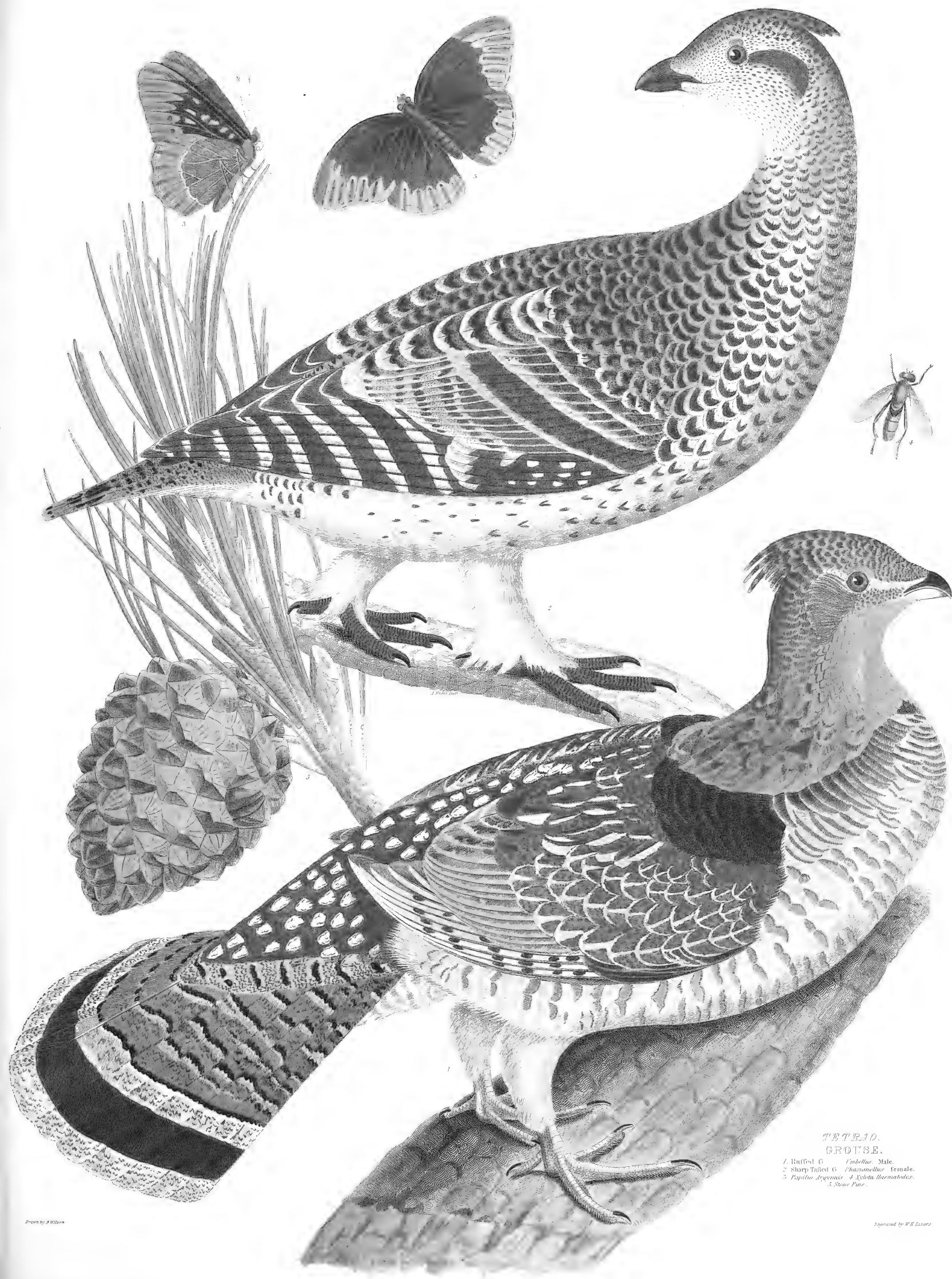


Drawn by Capt. Brown.

Oretex picta.
PAINTED QUAIL.
Male & Female.

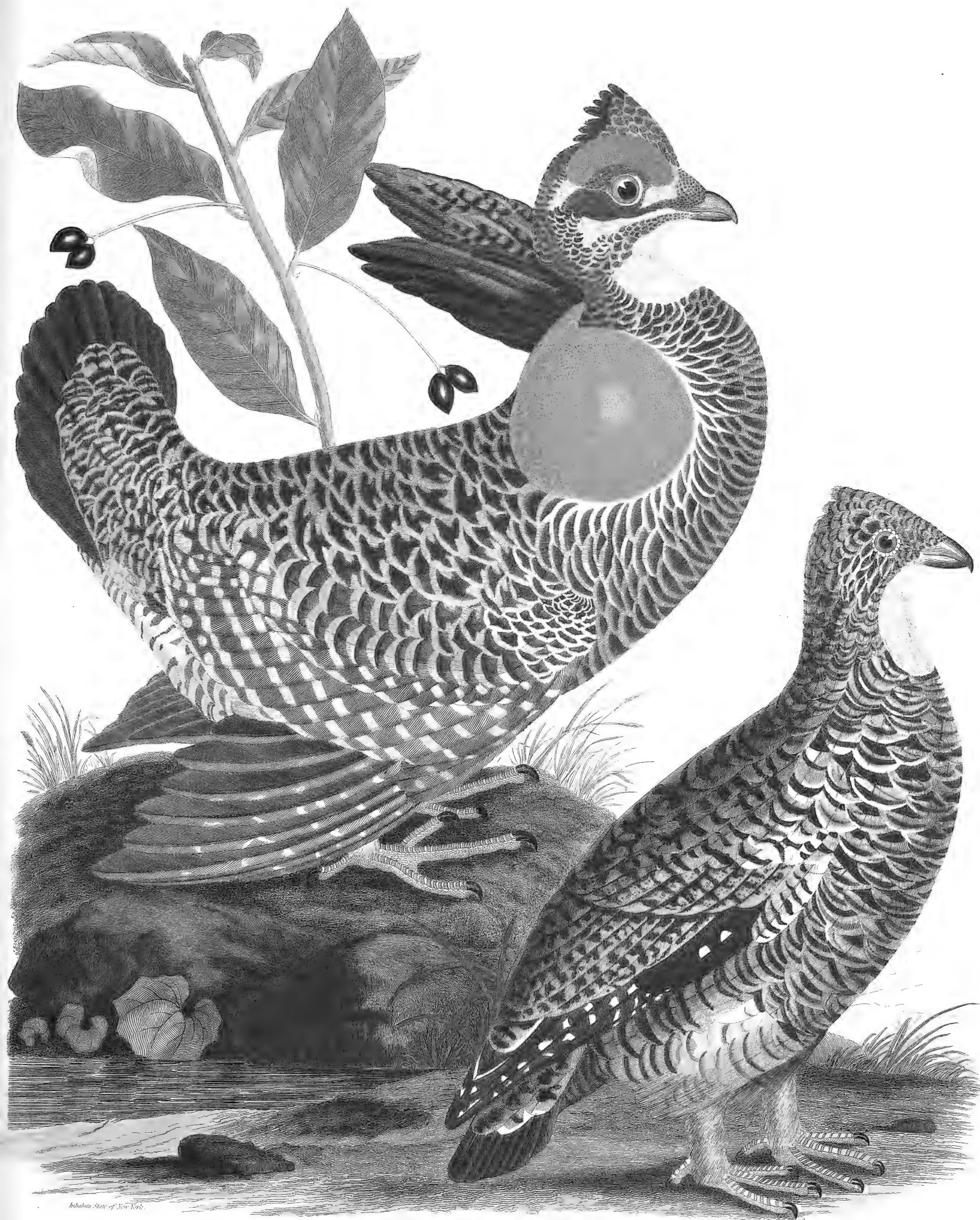
Inhabits California.

W. Warwick Sc.



TETRAO.
GROUSE.

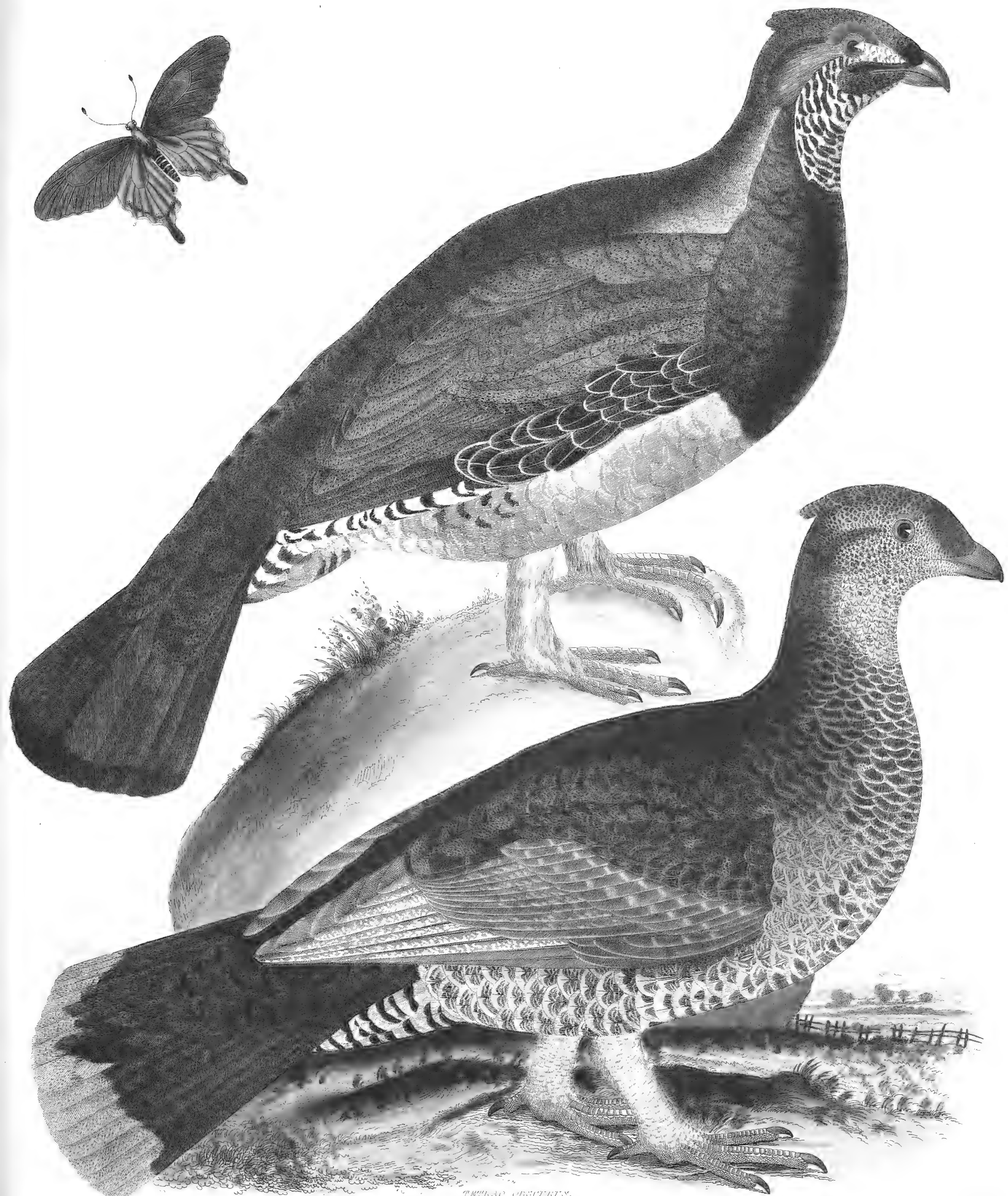
1. Ruffed G. *Embellus* Male.
2. Sharp-Tailed G. *Phasianellus* female.
3. *Pipilo erythrophthalmus* + *Colaptes auratus*.
4. Sharp Pine.



Inhabits State of New York.

PINNATED GROUSE. *Tetrus cupido*. 1 Male. 2 Female
3. Black Gum

1841



Male taken by Capt. Brown
Female — by A. Sater.

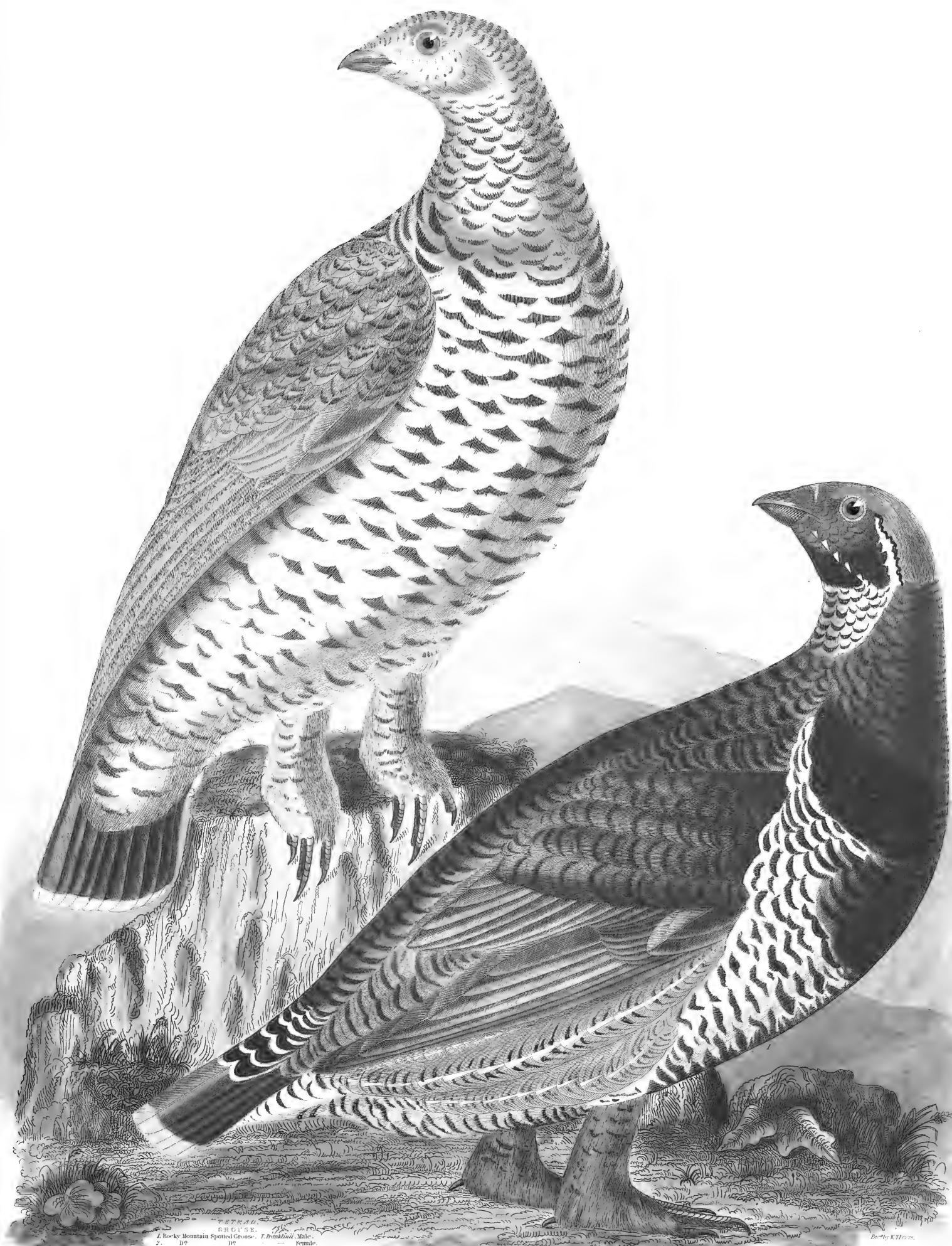
TETRAO CANADENSIS.
DUSKY GROUSE.
♂ Male, ♀ Female. Inhabits North America
Capt. Maclean.

Engraved by W. S. C.



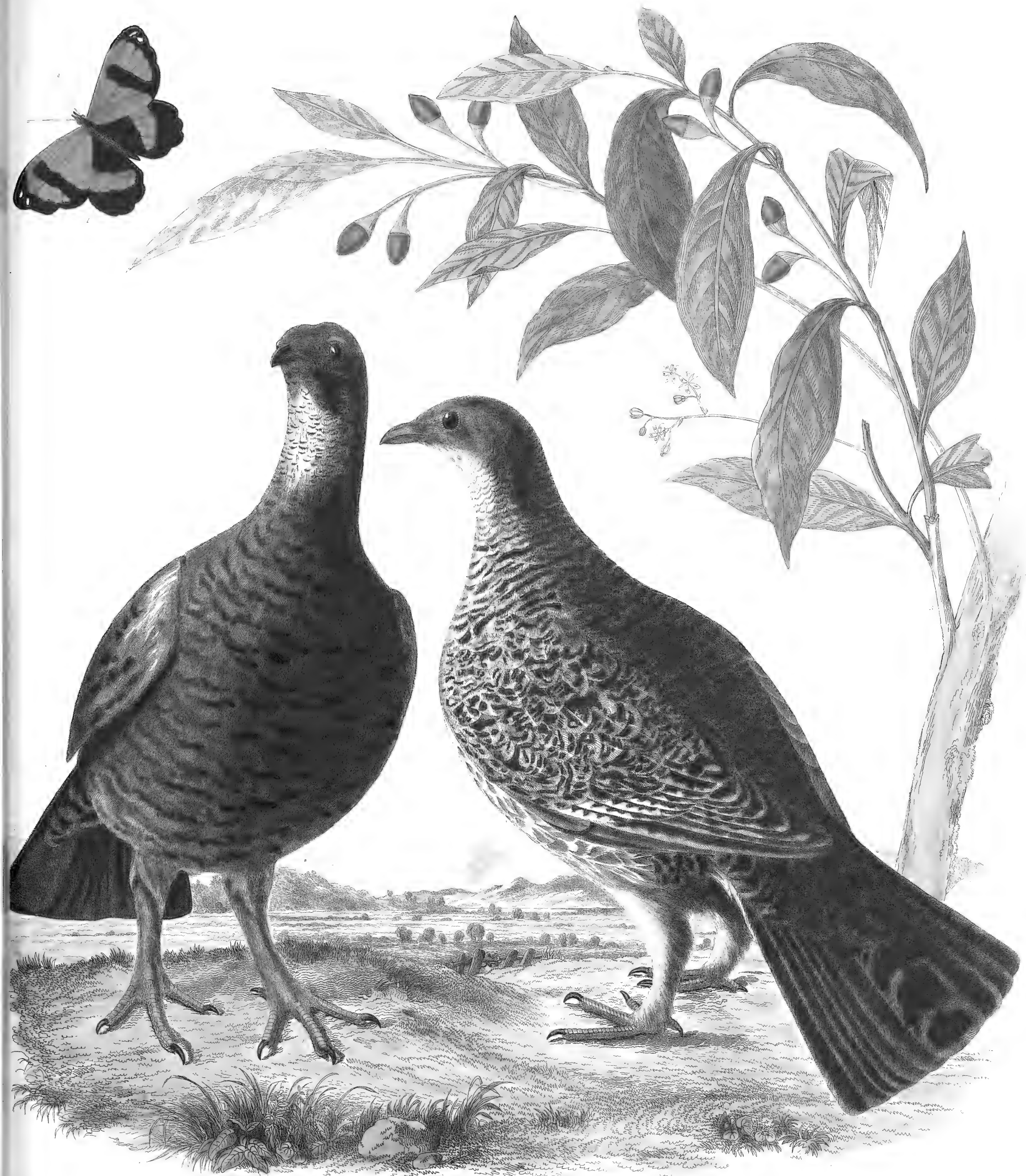
TETRAID, GROUSE.

1 Spotted Grouse Male, *T. Canadensis*, 2 D^o female.
 3 *Mantopha Branta* female, 4 D^o *Interrupio*, 5 American Chestnut, 6 White Birch.



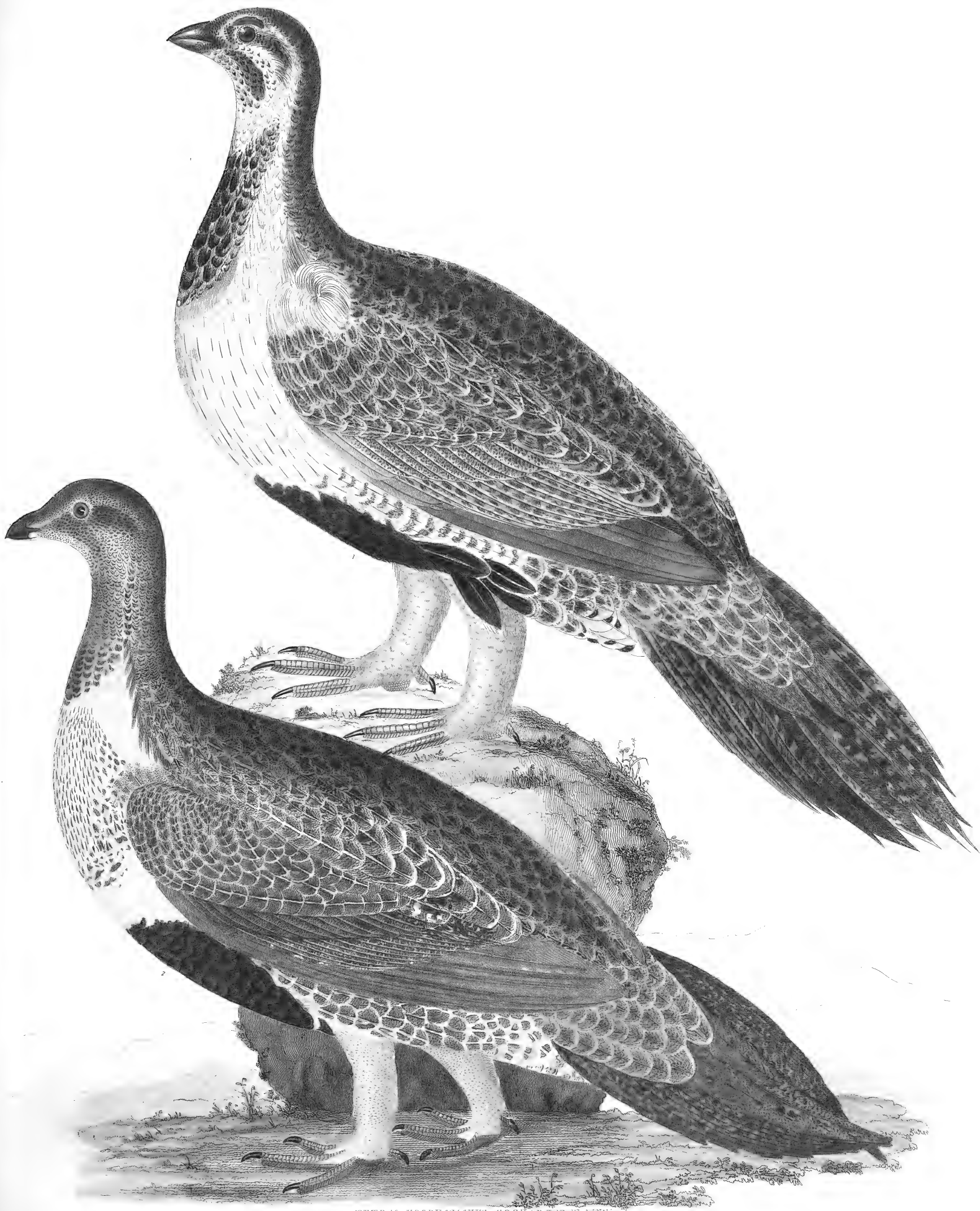
ROCKY MOUNTAIN SPOTTED GROUSE. *T. franklinii*. Male.
2. 109 110 Female.

Engr. by E. H. H. 1877.

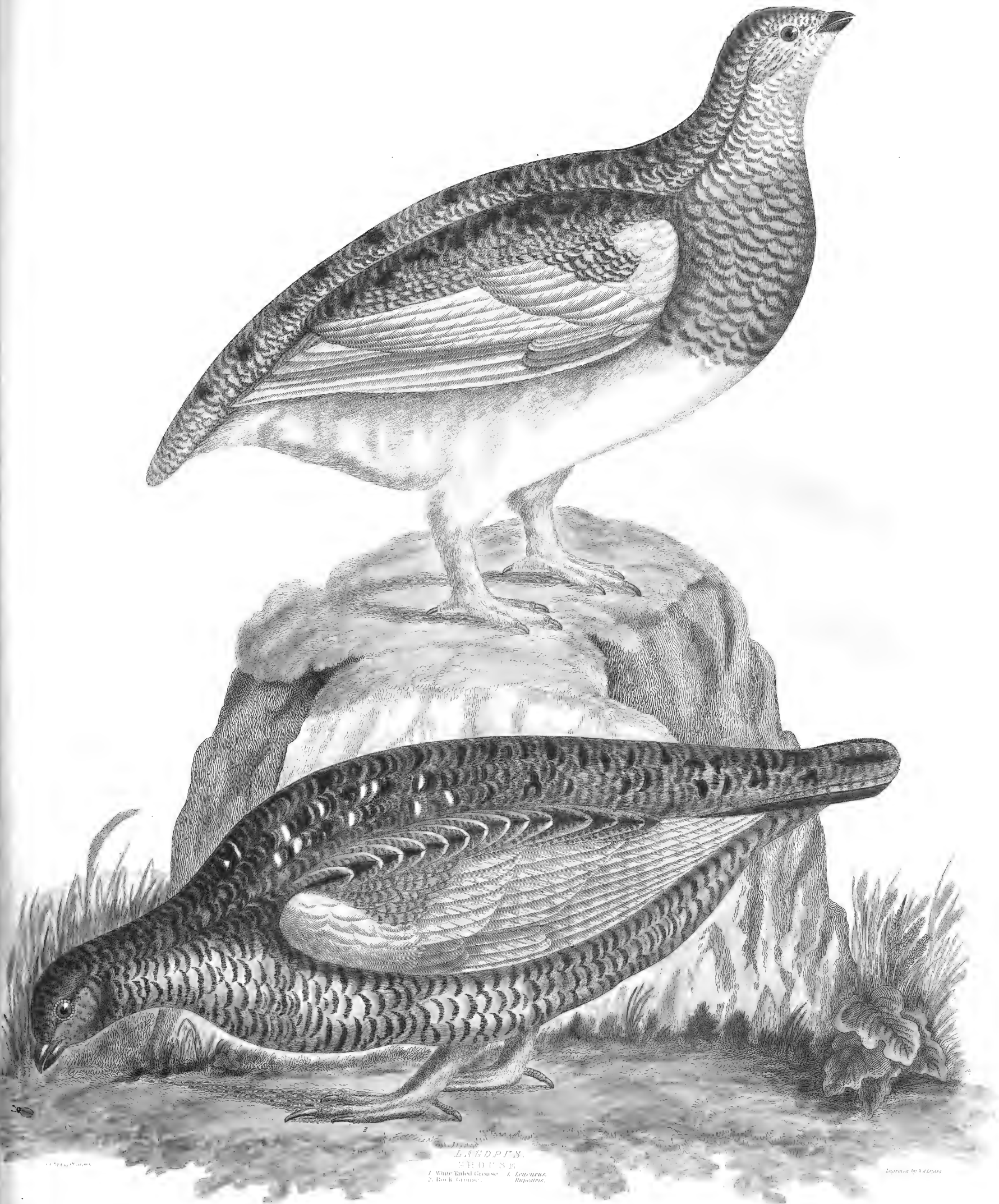


TETRAO RICHARDSONI
 RICHARDSON'S GROUSE.

Male, ♀ Female. An Inhabitant of the Rocky Mountains.
 (Camphor tree, *Euphorbia corollata*.)

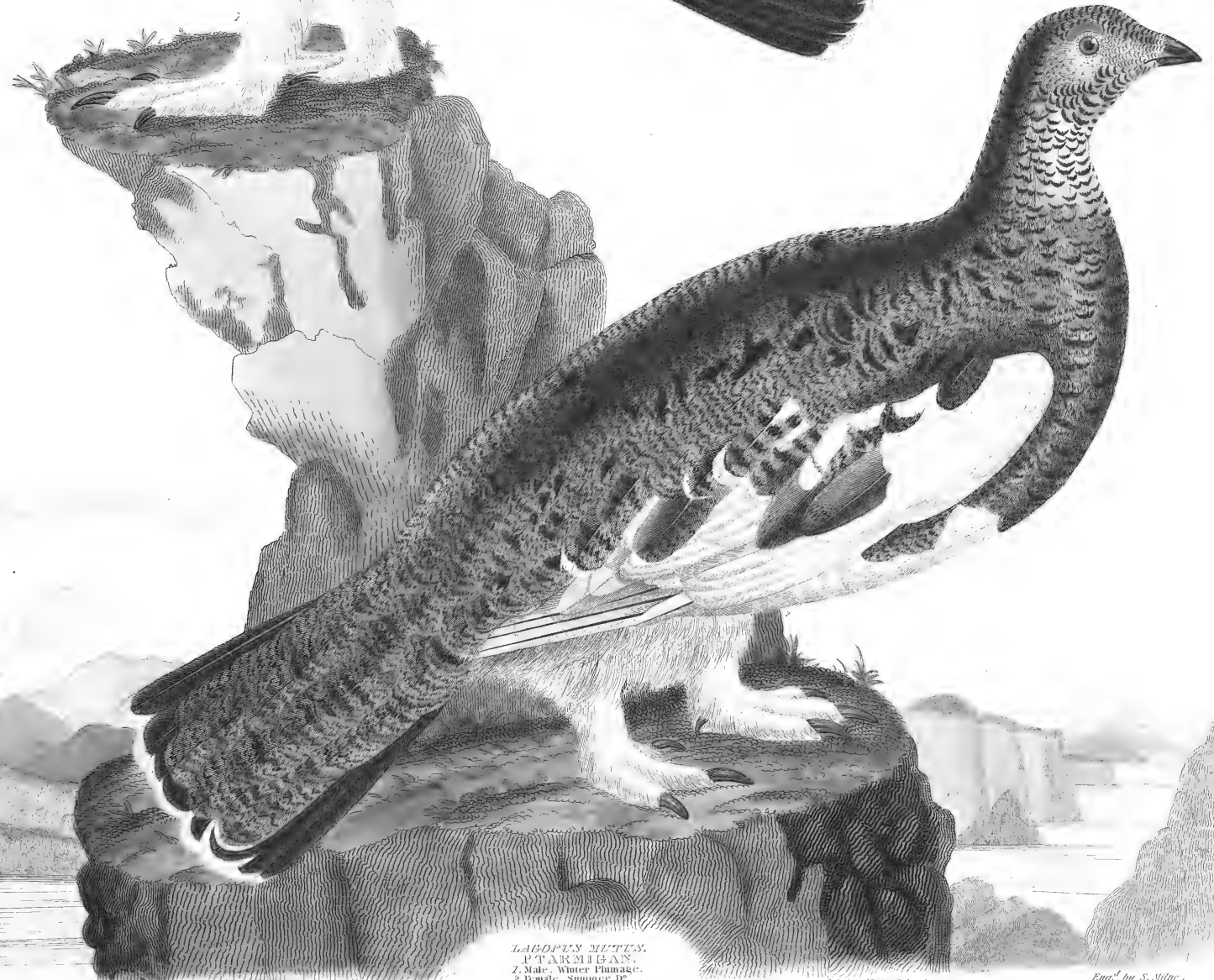


TETRAO UROPHASIANUS, COCK OF THE PLAINS.
1. Male, 2. Female.



LAGOPUS.
GROUSE.
1. White-Tailed Grouse. *L. leucurus.*
2. Rock Grouse. *Rupastres.*

Engraved by W. D. Evans



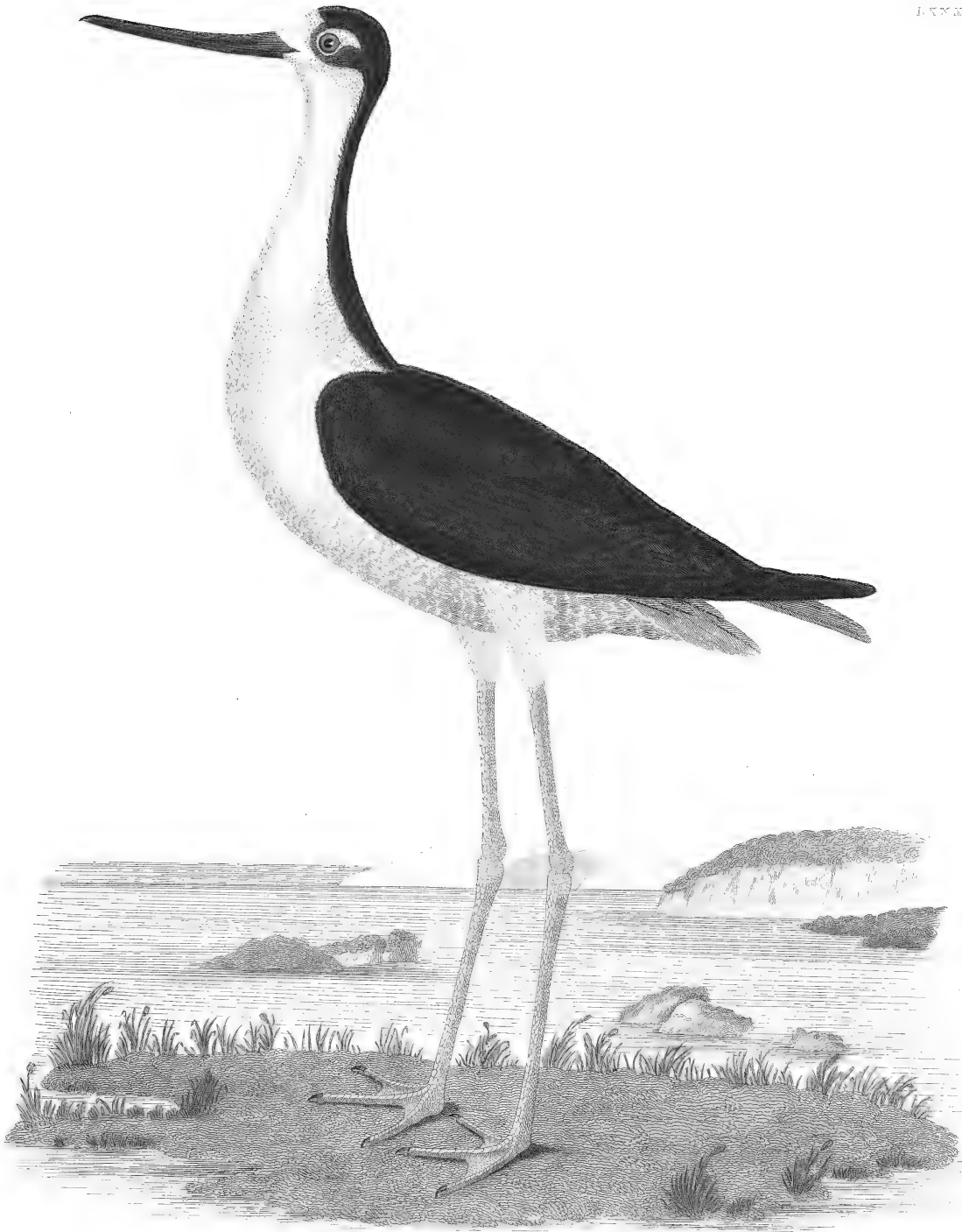
LAGOPUS MUTUS.
PTARMIGAN.
1. Male. Winter Plumage.
2. Female. Summer Pl.

Designed by Capt. Brown.

Inhabits White Island.

Engr'd by S. Milne.

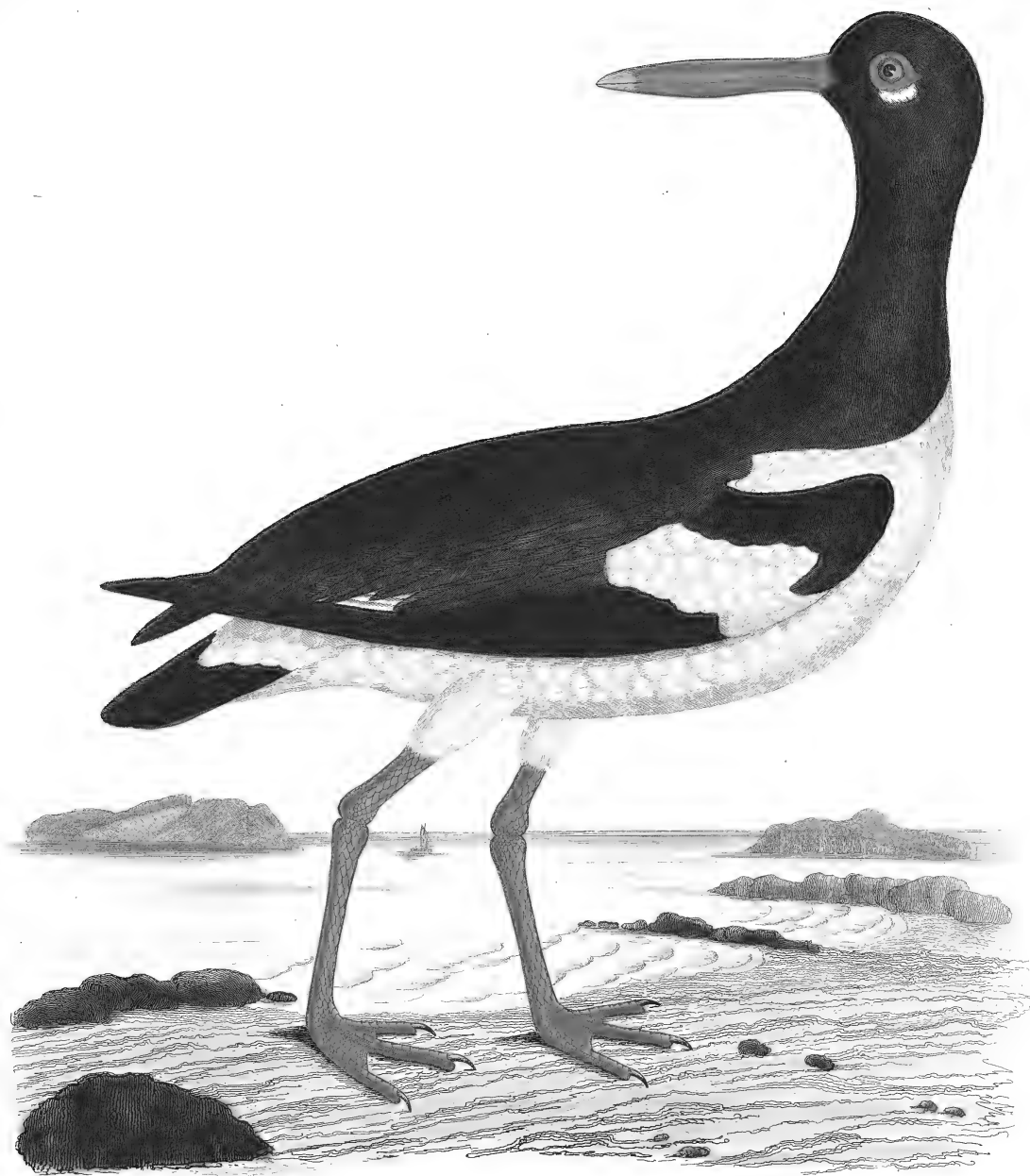
L. XN&LY.



HIMANTOPUS MEXICANUS.
BLACK-NECKED HIMANTOPUS.

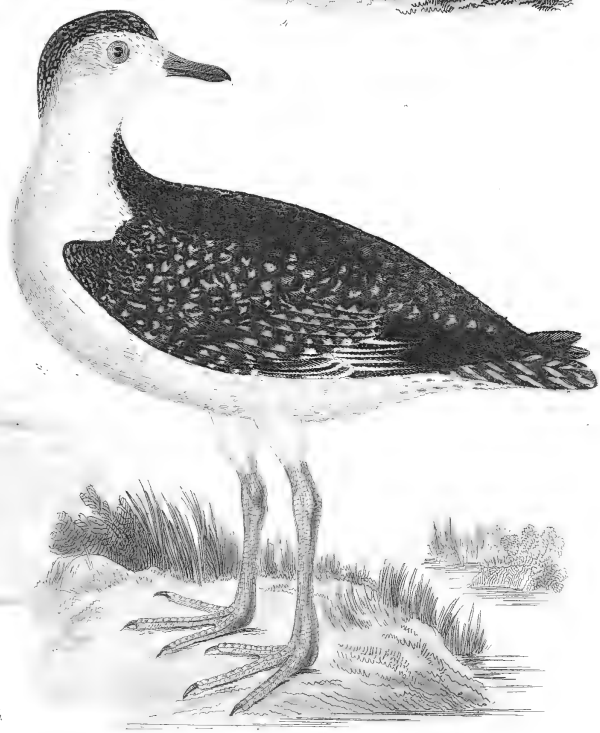
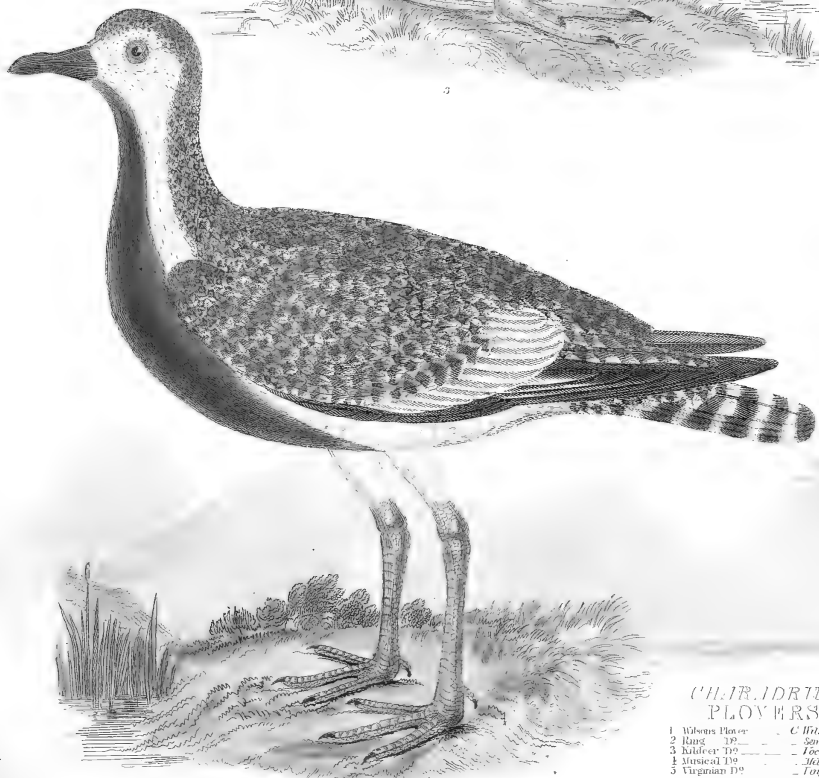
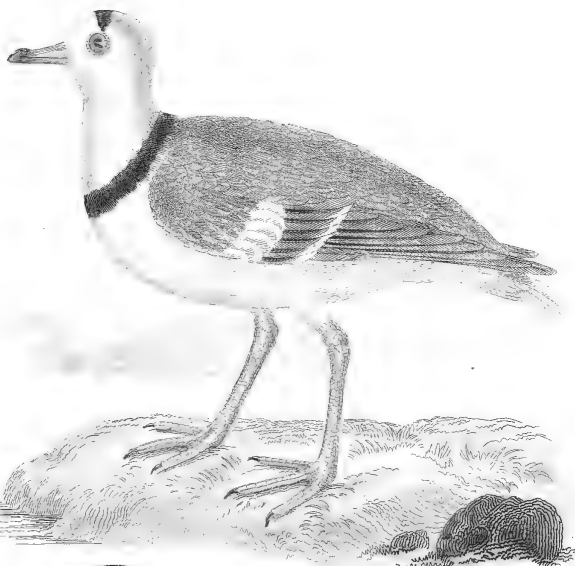
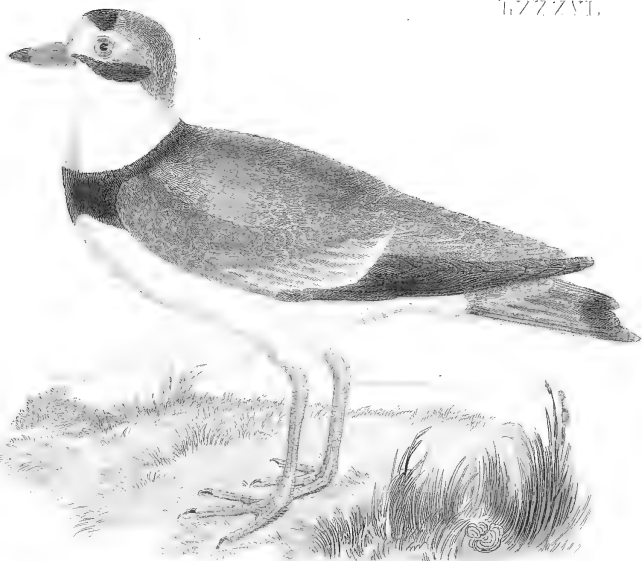
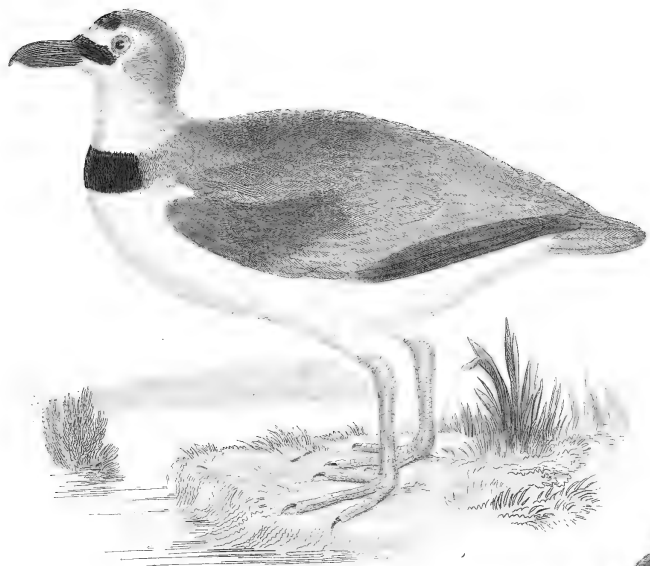
Johns. Mayson Sc.

LXXXV.



HIMANTOPUS OSTRALLEGUS.
PIED OYSTER-CATCHER.

S. Mearns Sculp.



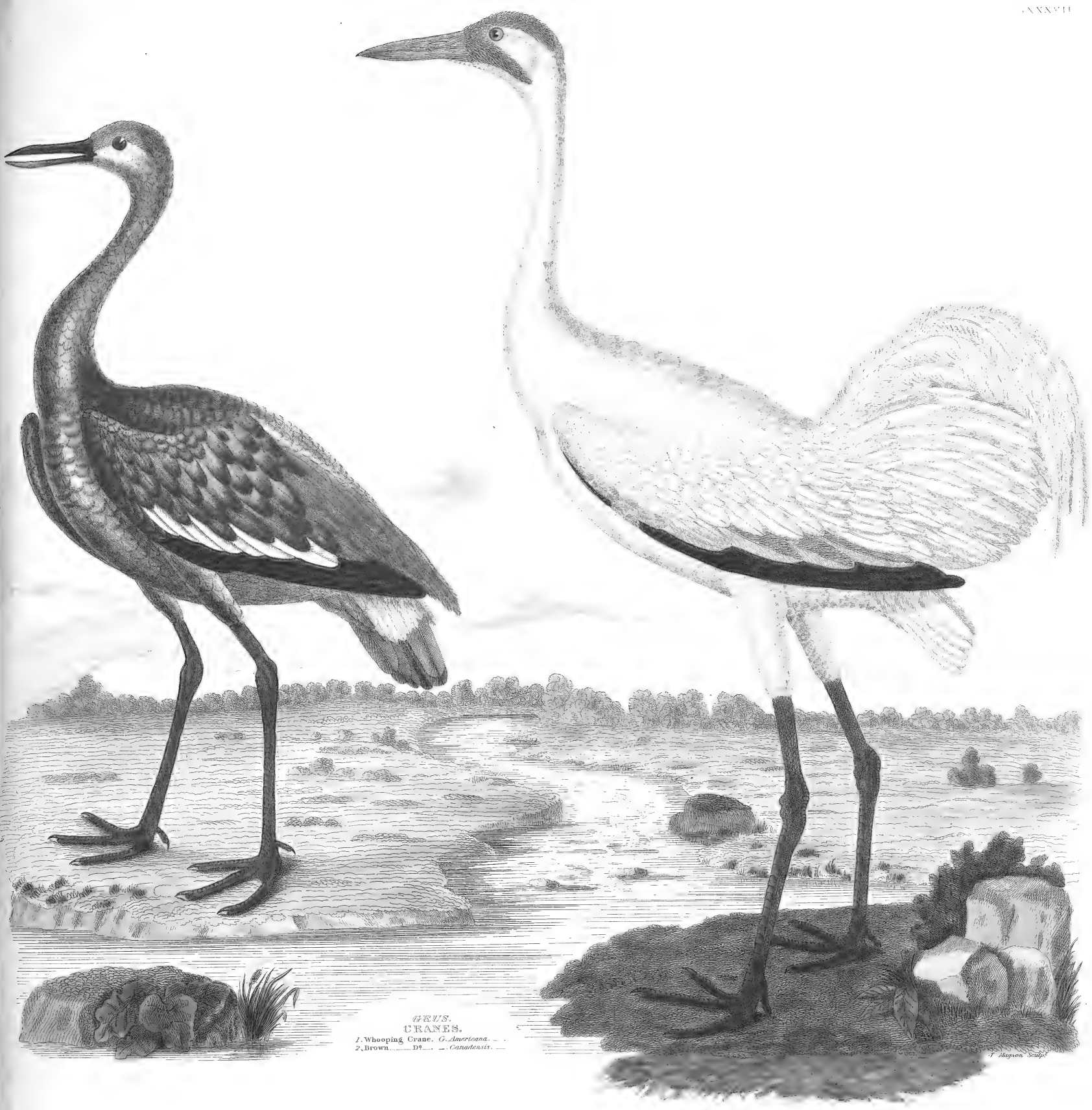
CHARIDRUS PLOVERS.

- | | |
|-------------------------|------------------|
| 1. Wilson's Plover | C. Wilsoni |
| 2. Ring-billed Plover | C. ring-billatus |
| 3. Black-bellied Plover | C. melanotos |
| 4. Musical Plover | C. melanotos |
| 5. Virginian Plover | C. virginianus |

WILSON'S Plover.
Black-bellied Plover

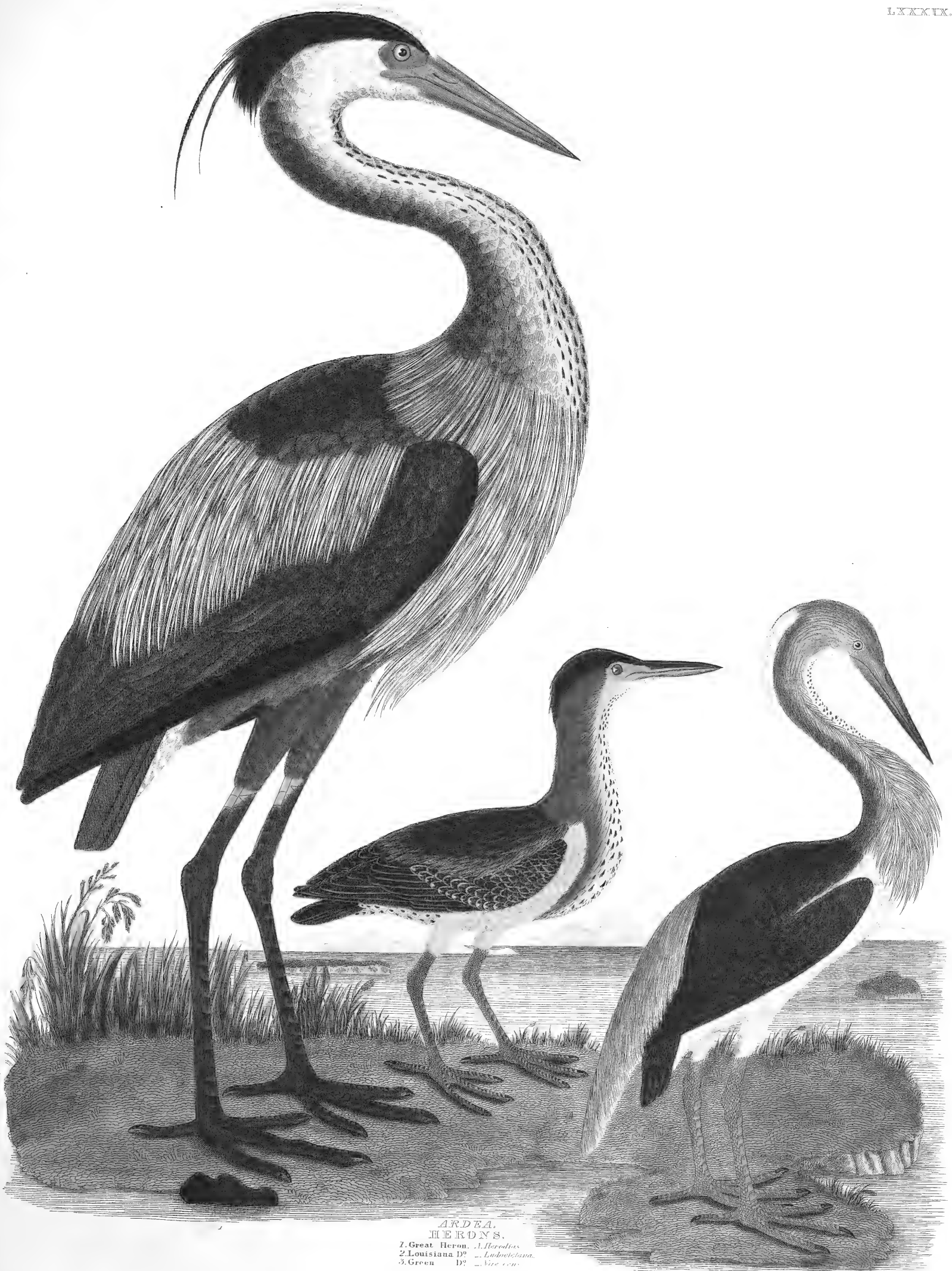


STREPSILAS INTERPRES.
TURNSTONE.

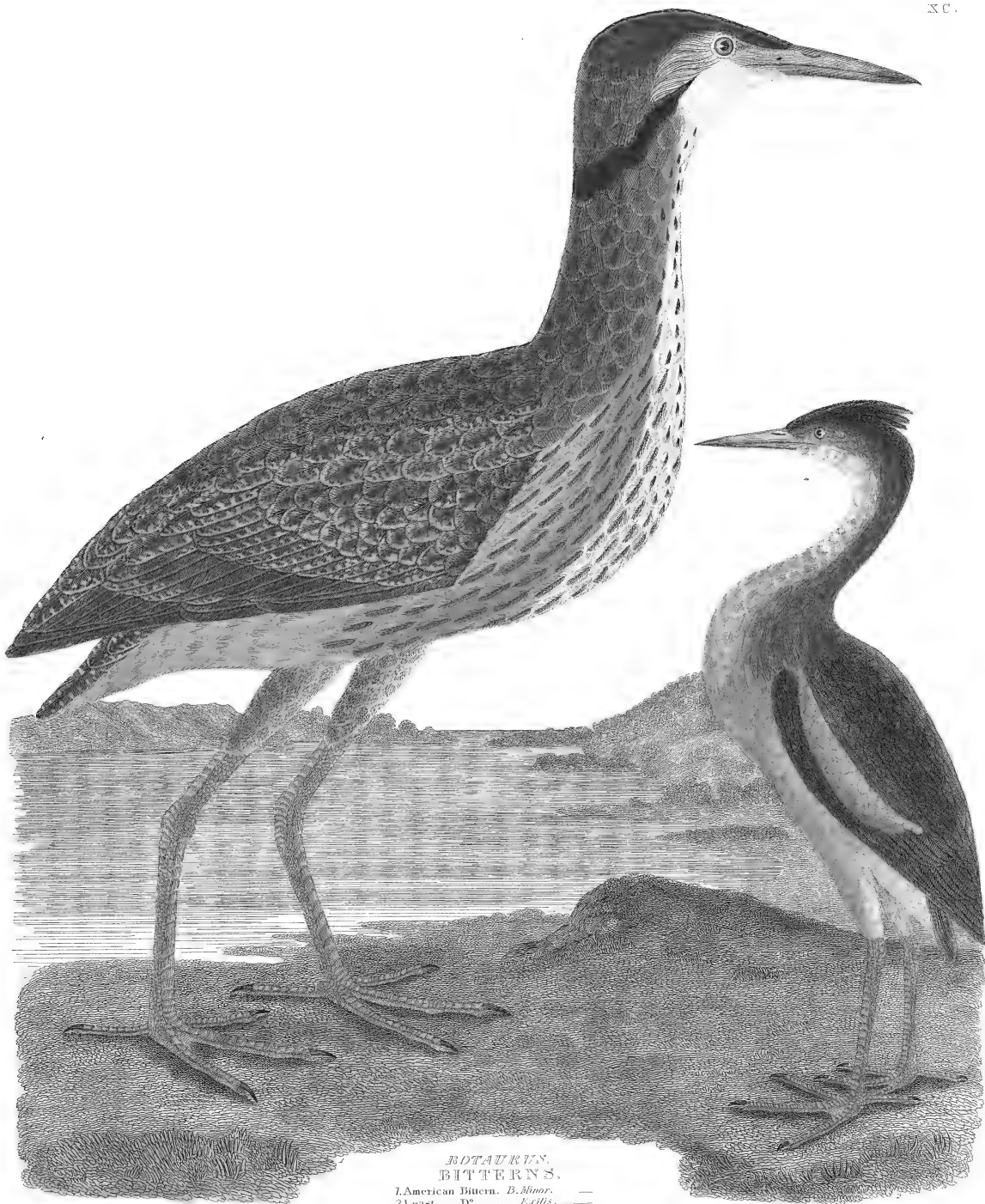


GRUS.
CRANES.
1. Whooping Crane. *G. Americana*.
2. Brown. *G. D.* *Canadensis*.

J. Audubon Sculp.

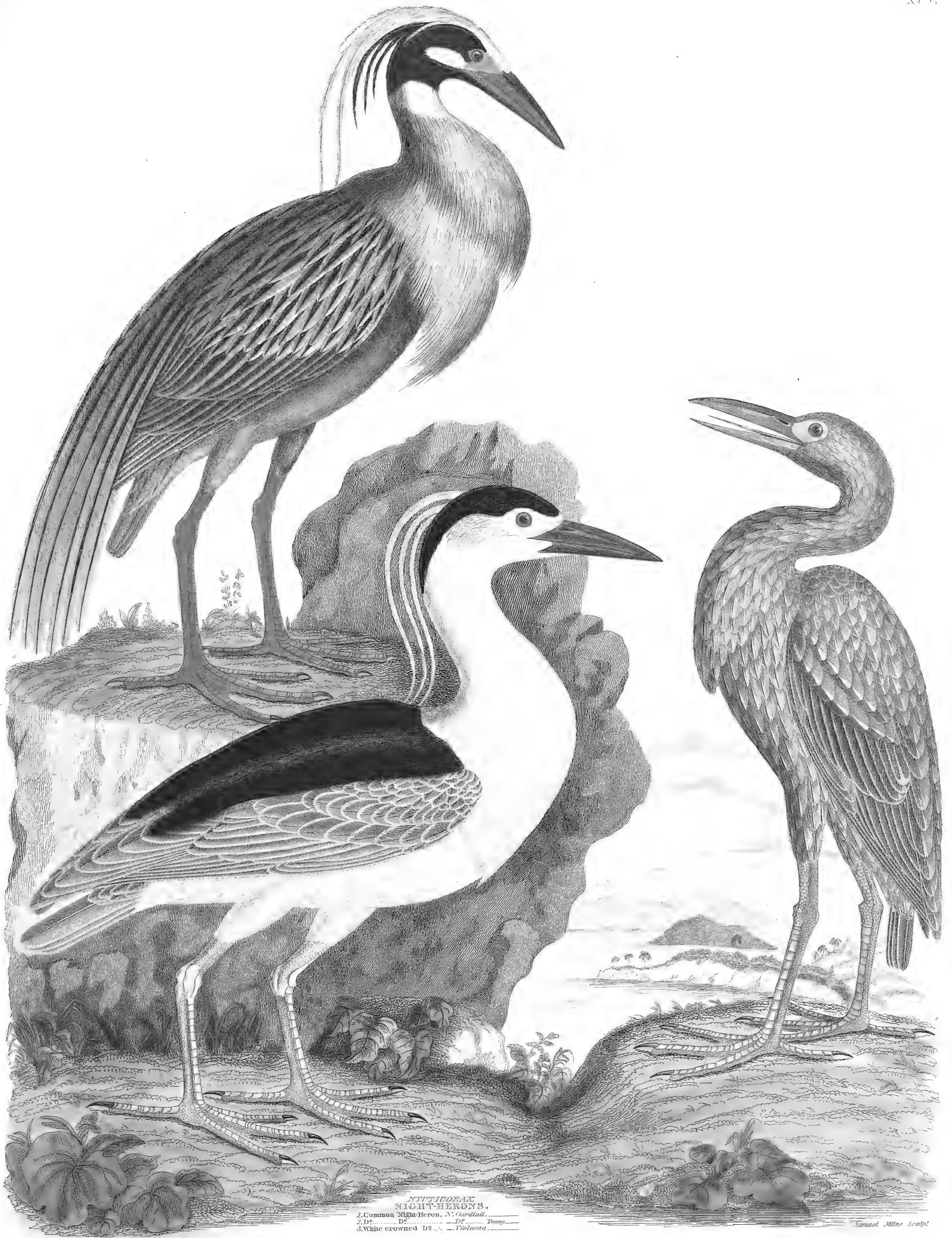


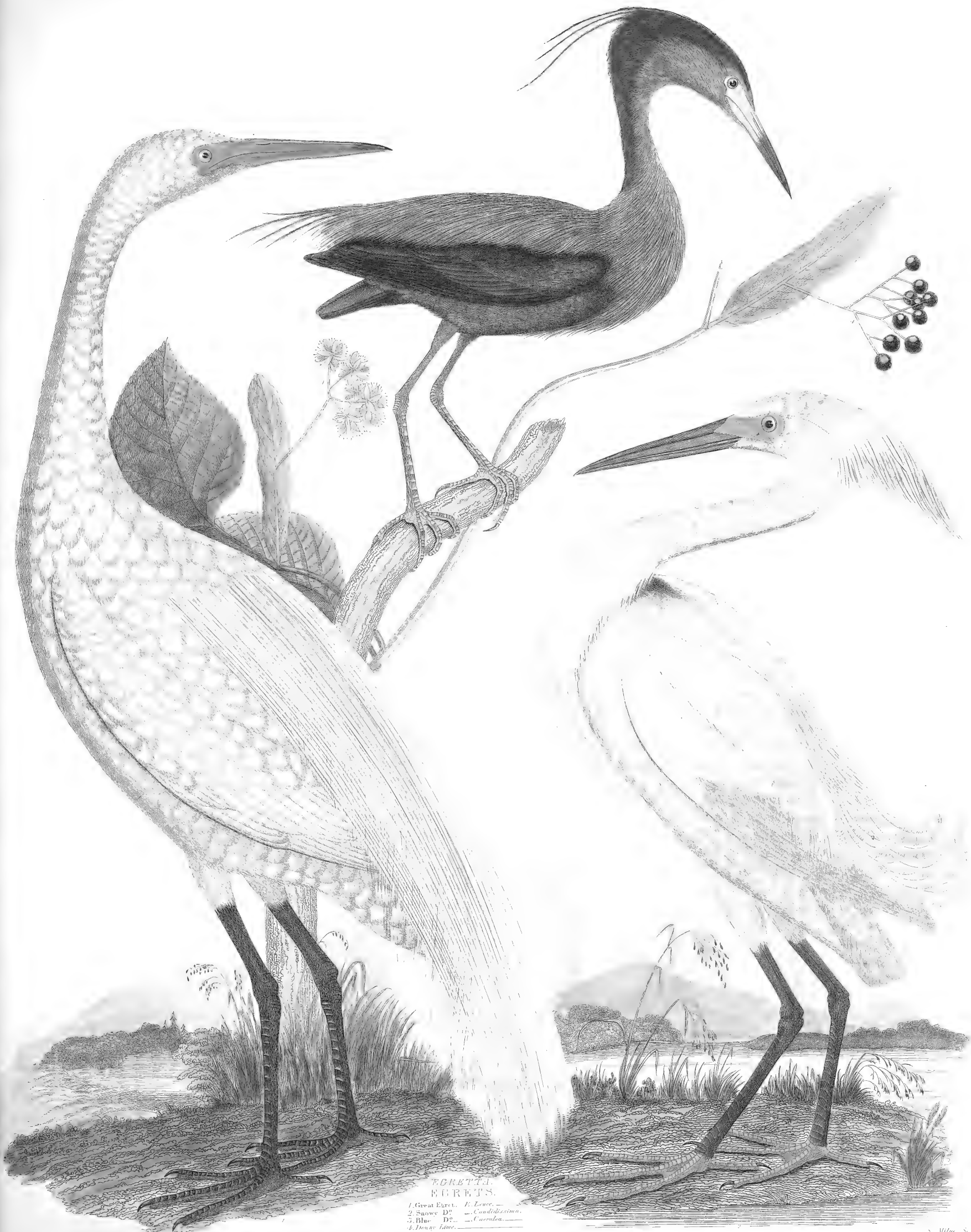
ARDEA.
HERONS.
1. Great Heron. 2. Herodias.
2. Louisiana D^o. 3. Louisiana.
3. Green D^o. 4. Viridis.



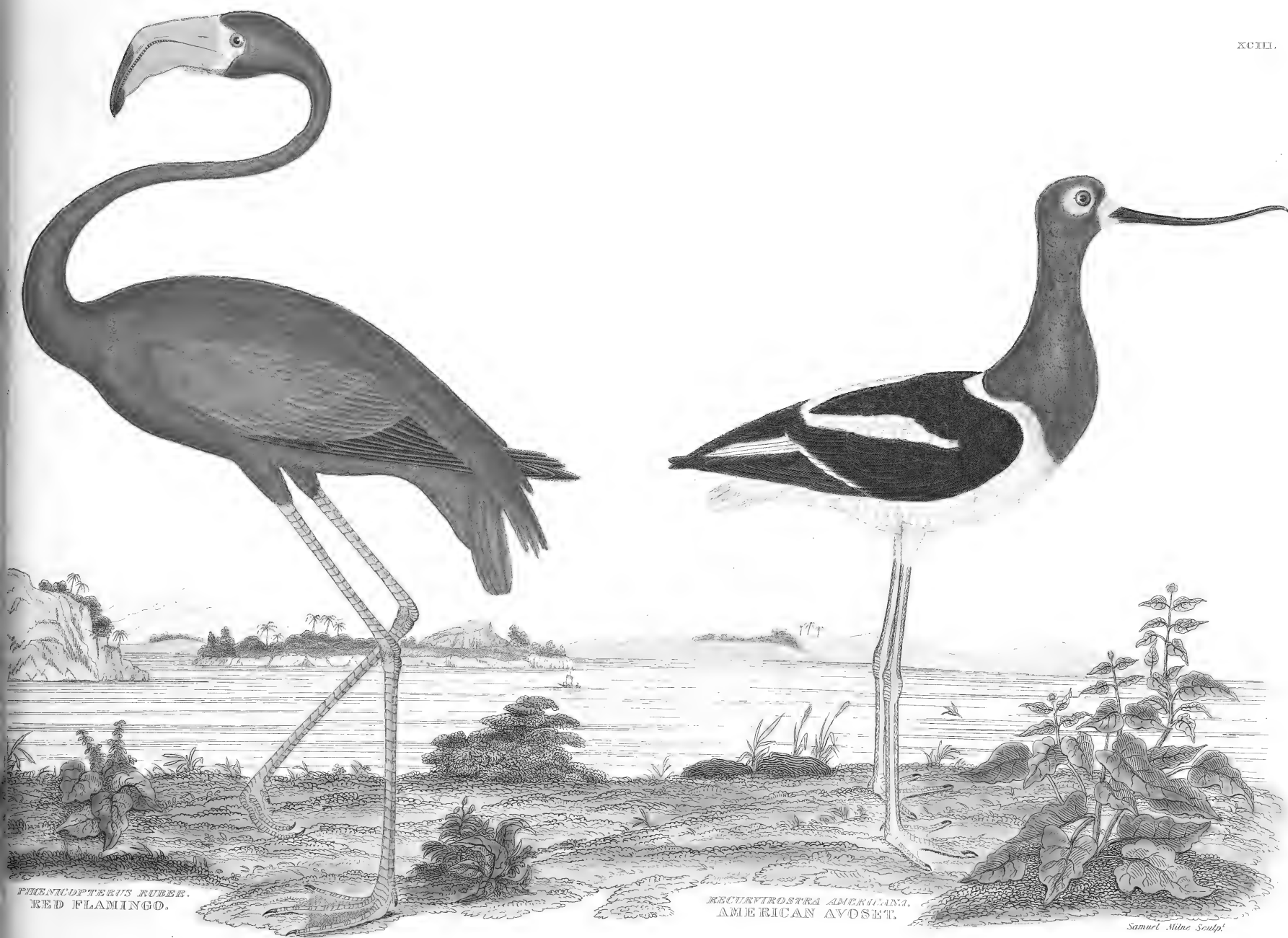
BOTATURUS.
BITTERNS.
1. American Bittern. *B. minor.* —
2. Least " *D. fallis.* —

James Mayton Sculp.





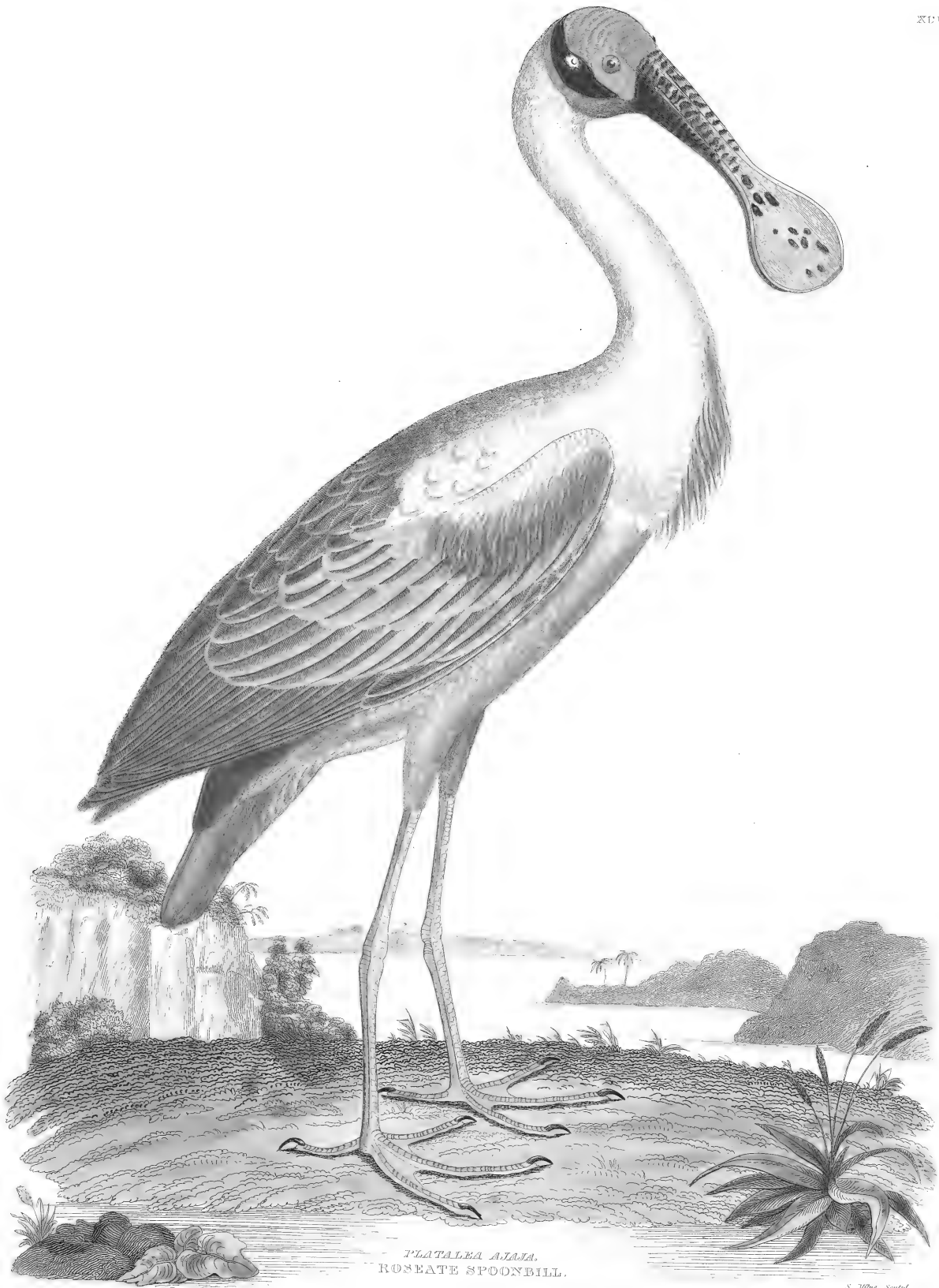
ARDEA.
 HERONS.
 1. Great Egret. *A. herodias*.
 2. Snowy " *A. alba*.
 3. Blue " *A. herodias*.
 4. Donge " *A. herodias*.



PHENICOPTERIS RUBER.
RED FLAMINGO.

RECTIVIROSTRA AMERICANA.
AMERICAN AVOCET.

Samuel Milne Sculp.



PLATALEA AJAJA.
ROSEATE SPOONBILL.

S. Wilson sculpt.

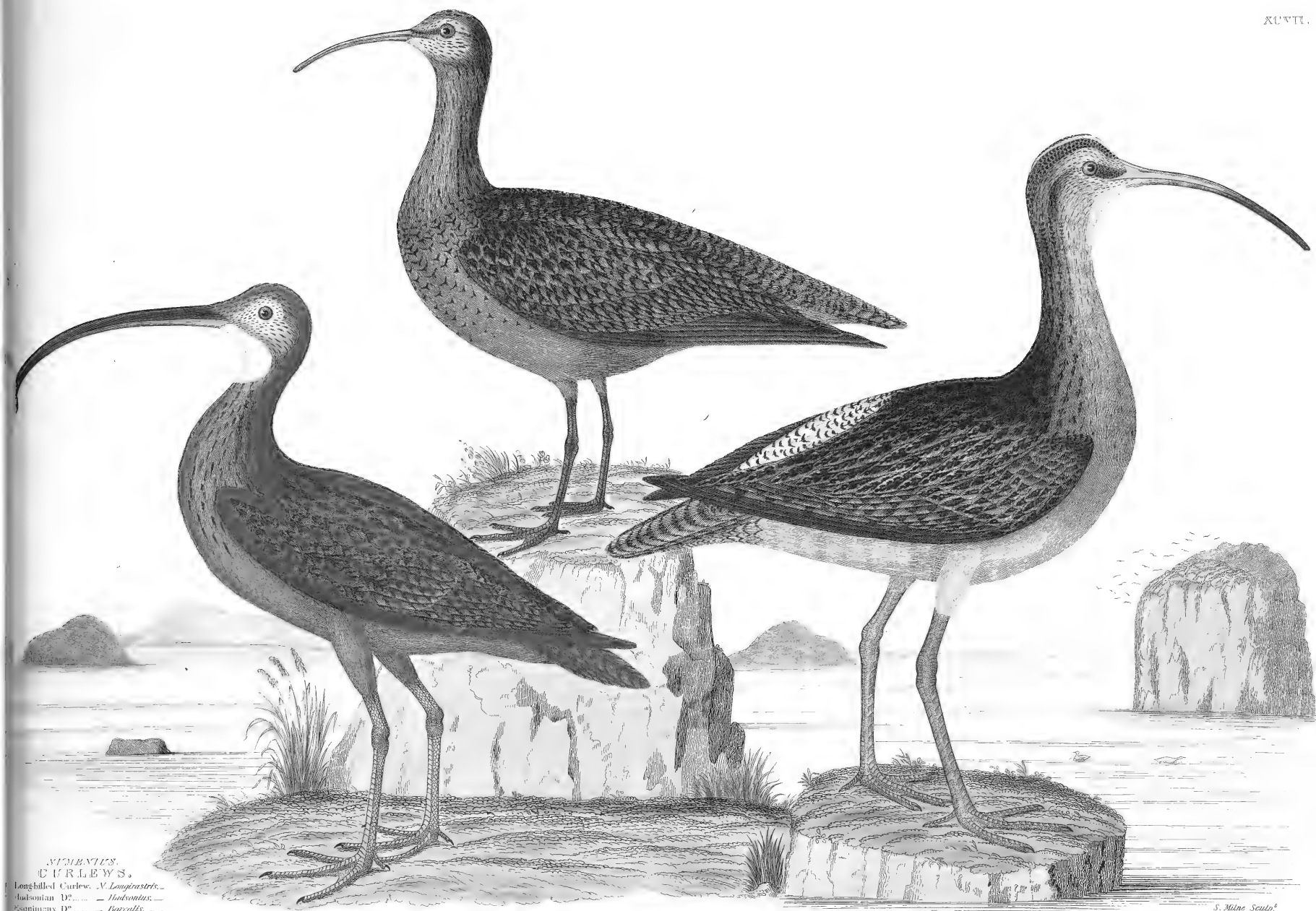
KCY.



TANTALUS LOCULATOR.
WOOD IBIS.
Cabbage Tree.

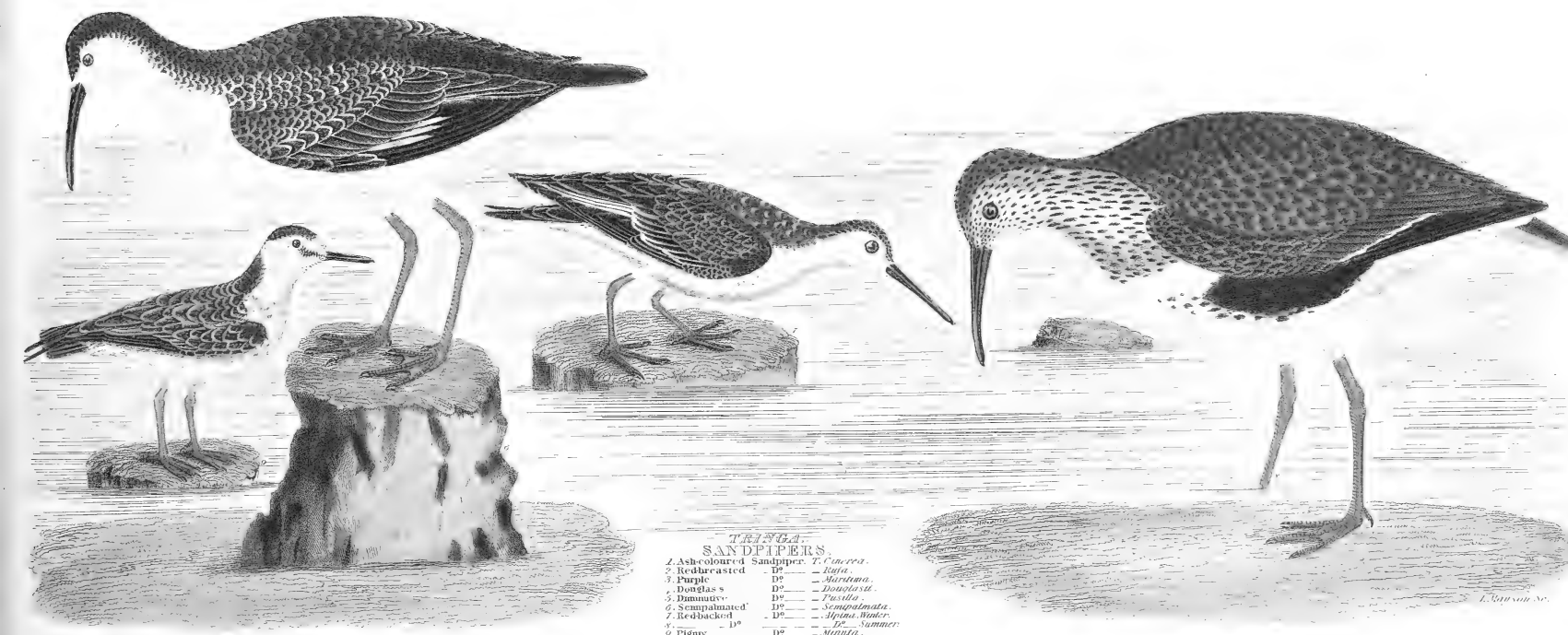
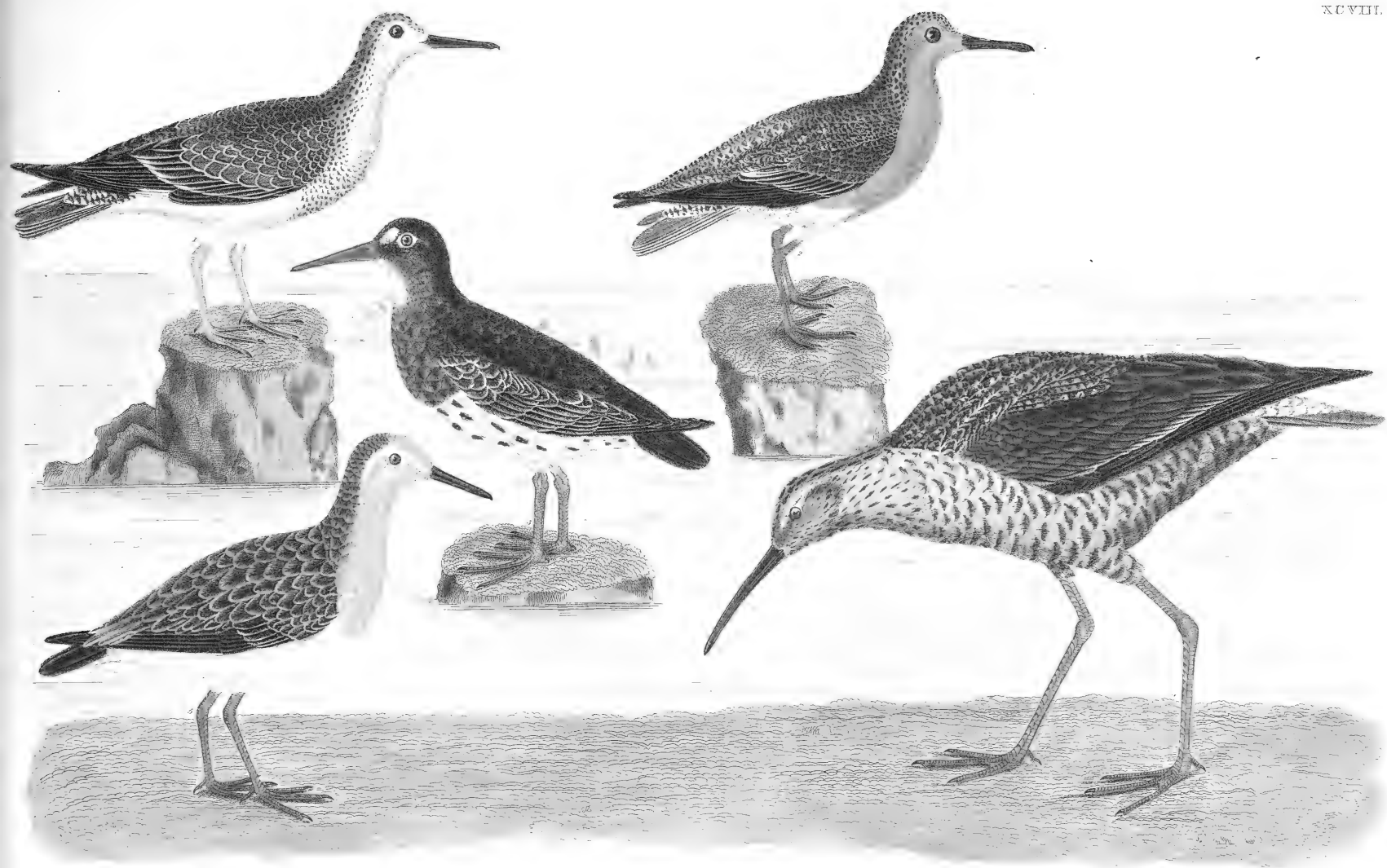
Wm. Warne's Sculp.



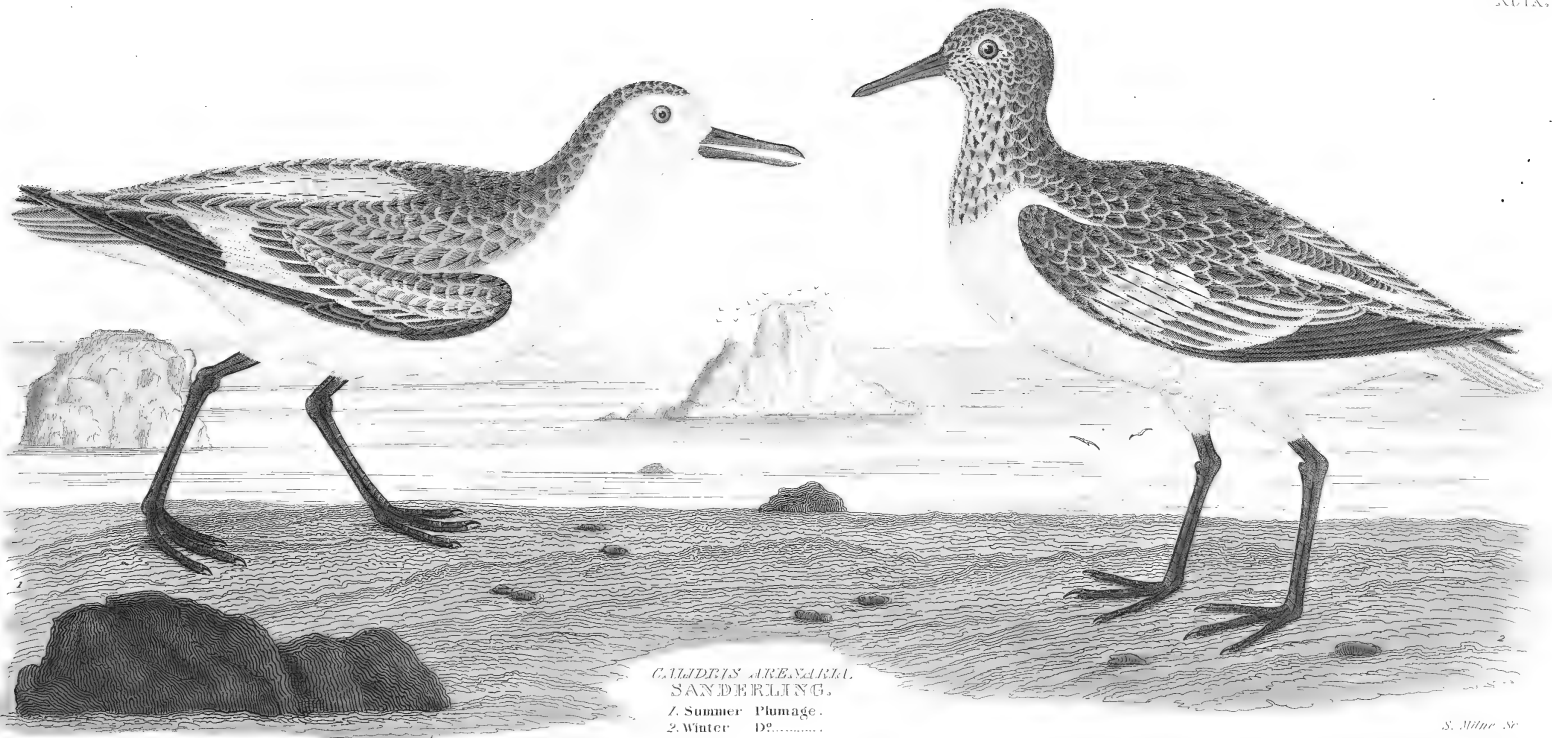


NUMERUS.
CURLEWS.
Longbilled Curlew, *N. Longirostris*.
Hudsonian D^o. *Hudsonius*.
Esquimaux D^o. *Barcalis*.

S. Milne Sculp.

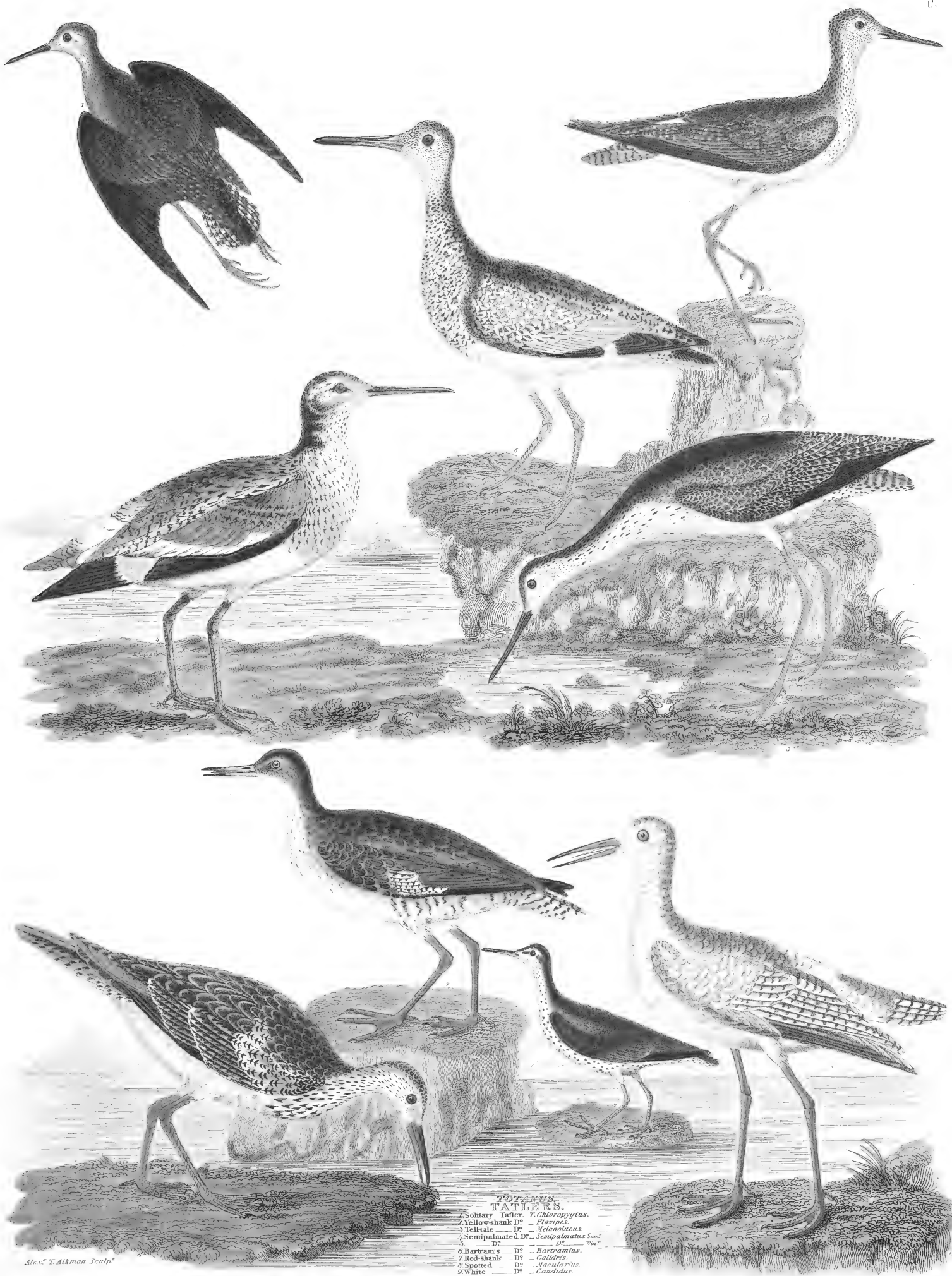


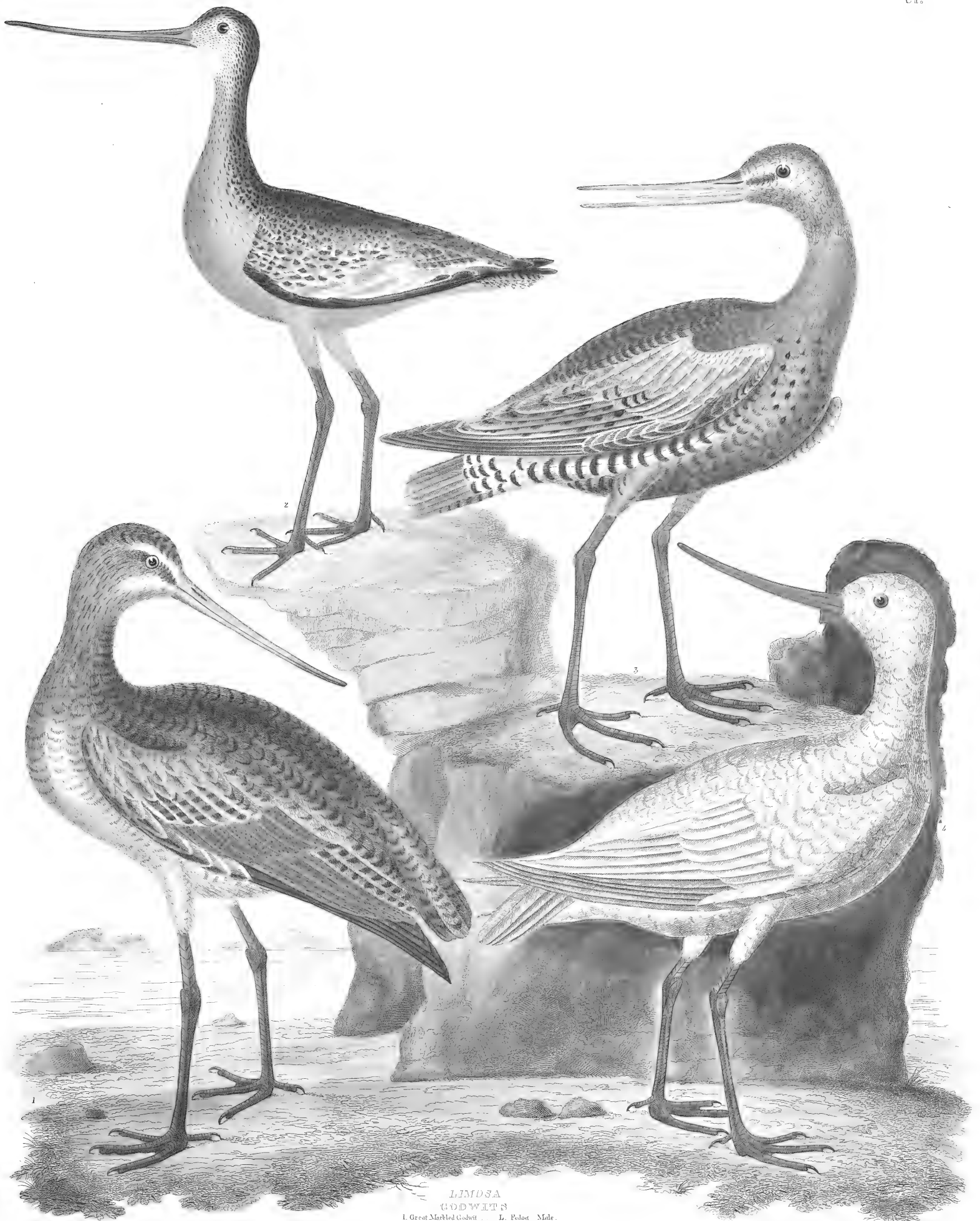
- THEY ARE
SANDPIPERS.
- | | |
|---------------------------|----------------------------|
| 1. Ash-colored Sandpiper. | <i>T. Caesia.</i> |
| 2. Redbreasted | <i>D. — Rufa.</i> |
| 3. Purple | <i>D. — Maritima.</i> |
| 4. Dendras | <i>D. — Donchast.</i> |
| 5. Diminutive | <i>D. — Pusilla.</i> |
| 6. Scampaluated | <i>D. — Vespertinaria.</i> |
| 7. Red-backed | <i>D. — Alpina.</i> |
| 8. — | <i>D. — Alpina.</i> |
| 9. Pigeon | <i>D. — Alpina.</i> |



CATHARTIS ARENARIA.
SANDERLING.
1. Summer Plumage.
2. Winter Do.

S. Miller Sc.





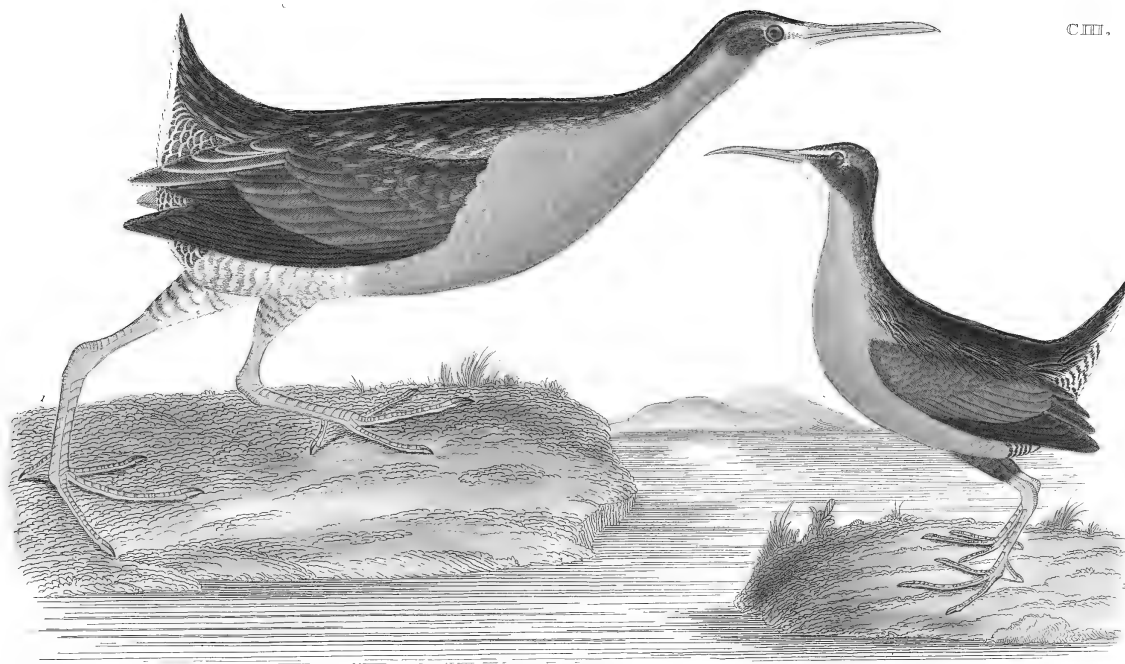
LIMOSA
GODWITS
1. Great Marbled Godwit . . . L. Pelot . . . Male.
2. Do Female.
3. Hudsonian . . . Do . . . Hudsonian
4. White . . . Do . . . Alca

Ed. Mitchell, Scot. l.

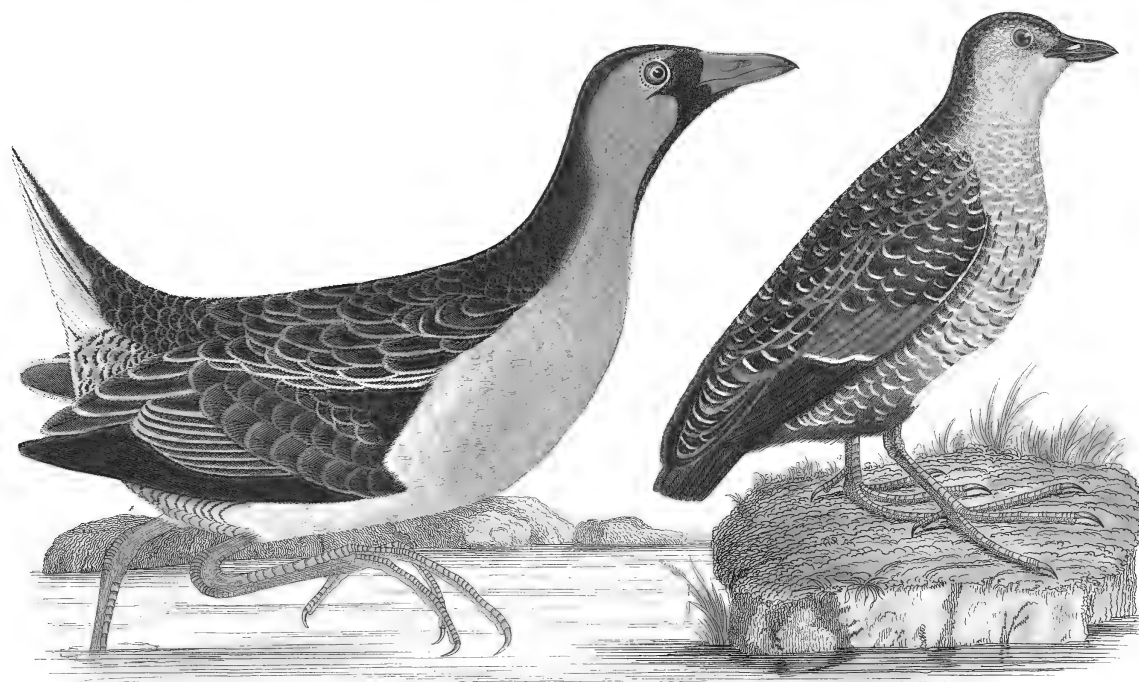




SCOLOPAX.
1. Red-breasted Scaup. *Scolopax erythrorhynchos*.
2. Malar Scaup. *Scolopax hutchinsoni*.
3. American Woodcock. *Scolopax americana*.

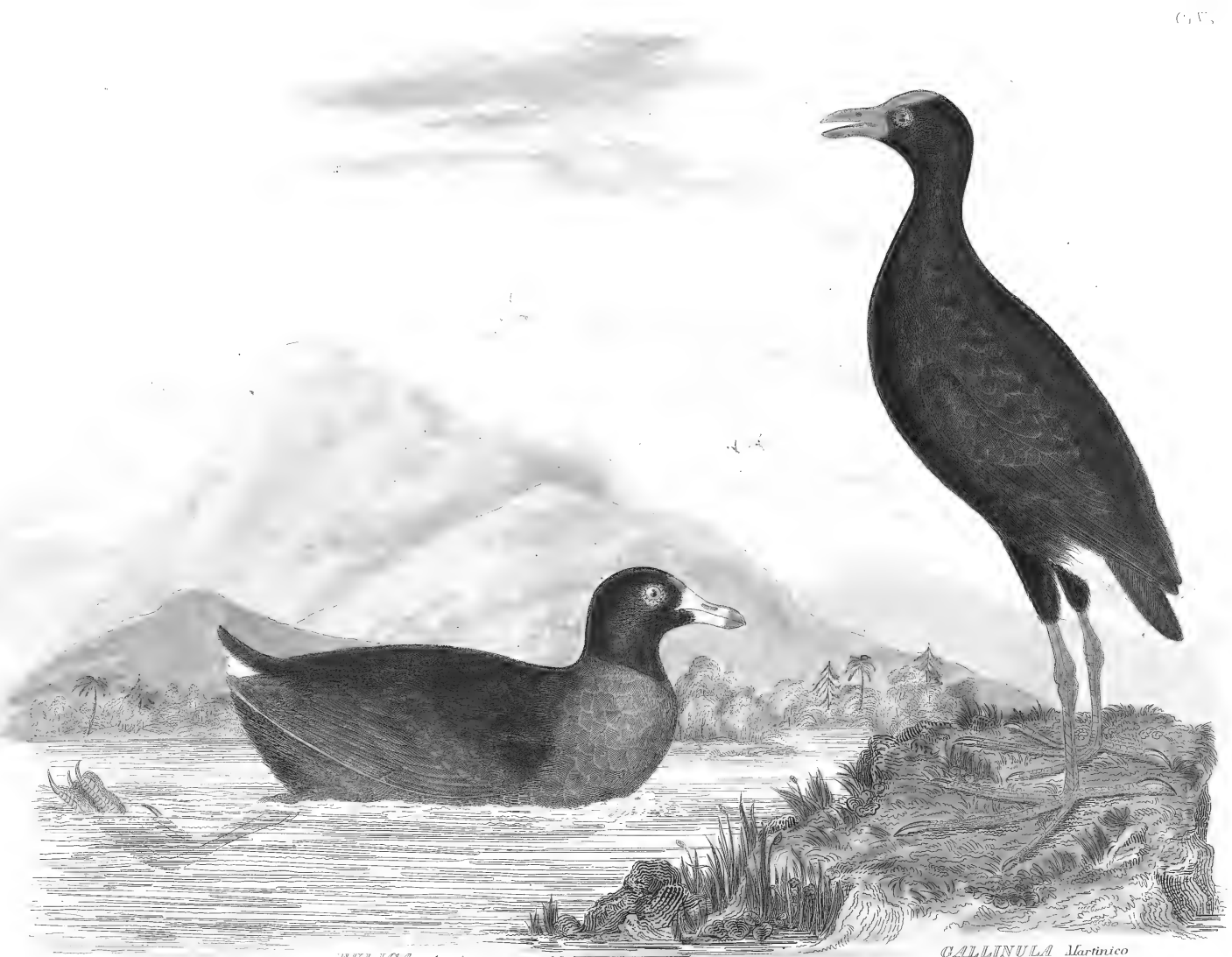


CIII.



RALLUS.
RAILS.
1. Clapper Rail. *R. Coptans.*
2. Virginian D. *R. Virginianus.*
3. Yellow-bellied D. *R. flabellifrons.*
4. Carolina D. *R. Carolinus.*

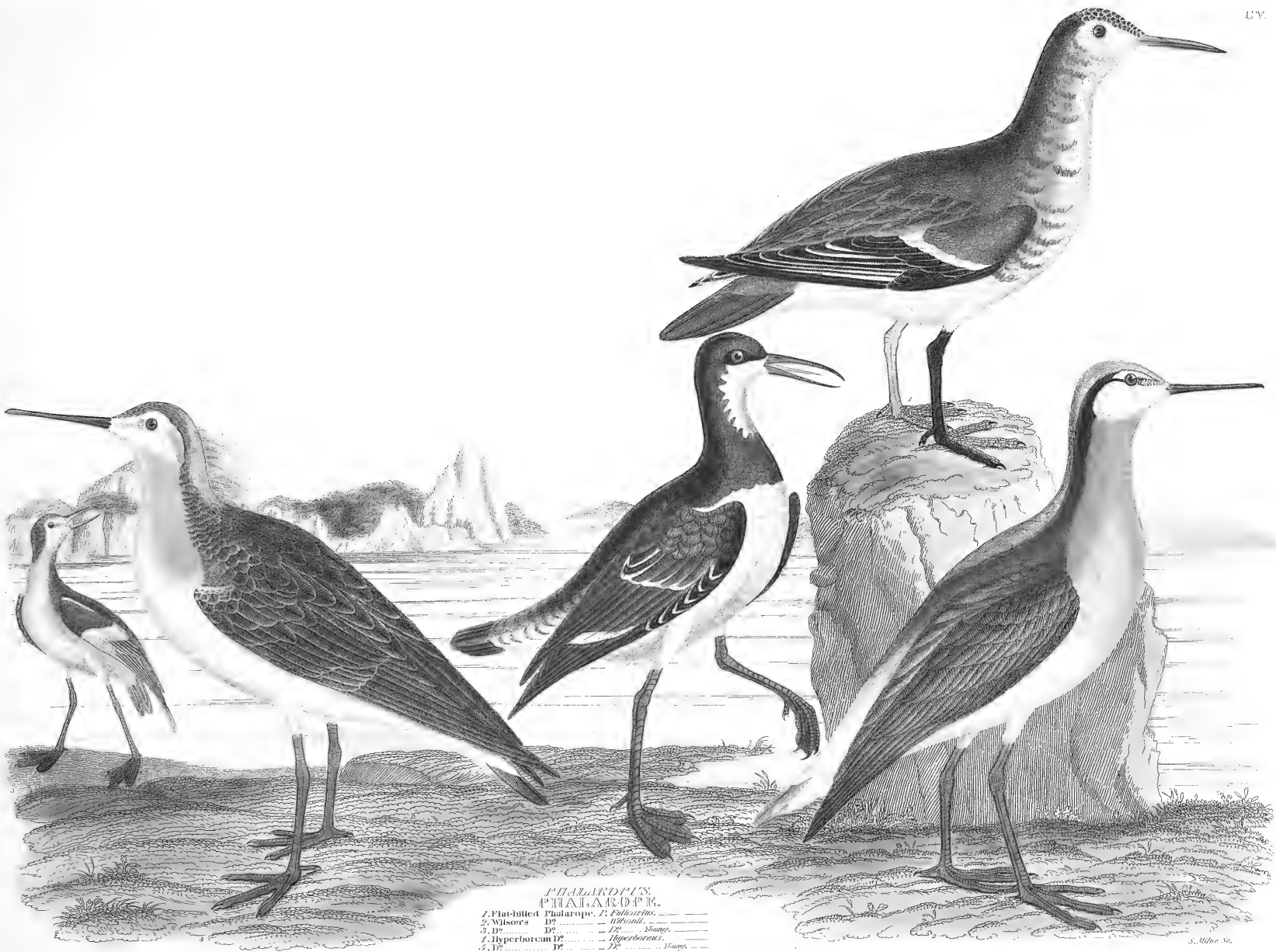
S. Milne Sculp.

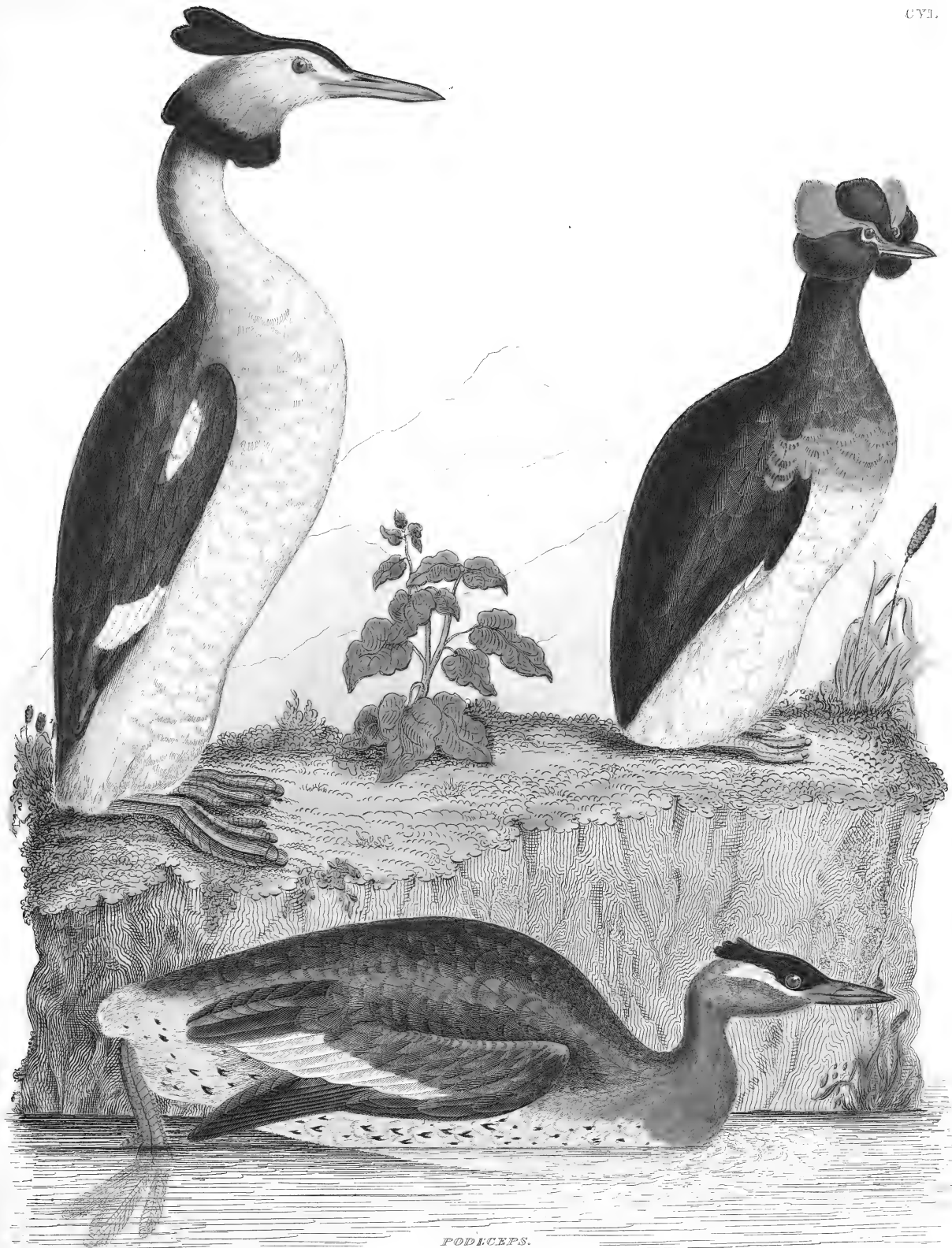


Engraved by W. Scott

FULICA Americana
Cinnamon Coot ..

GALLINULA Martinica
Martinique Gallinule. ..

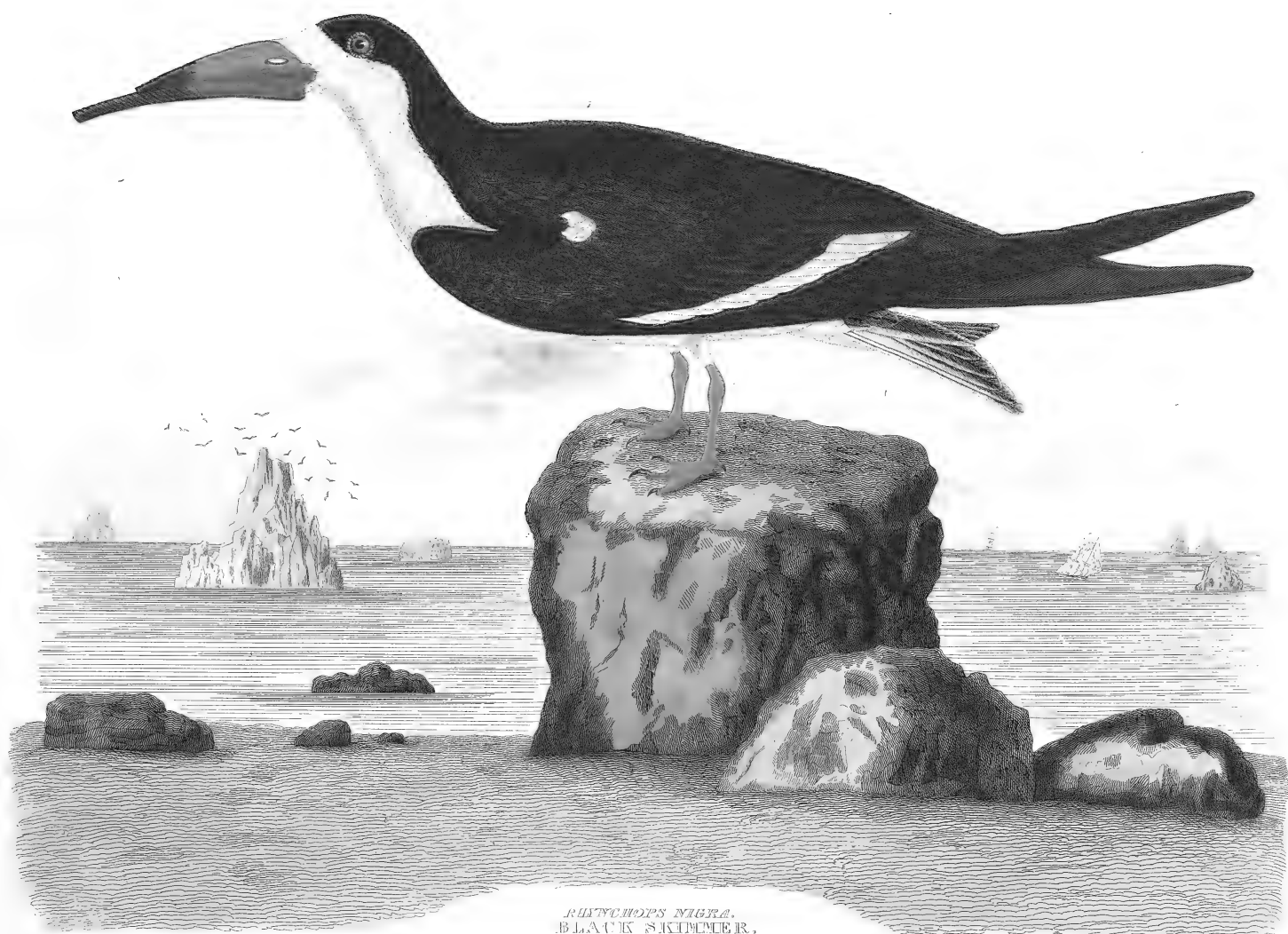




PODICEPS.
GREBES.

1. Crested Grebe. *P. Cristatus.* —
2. Horned D^o. — *Cornutus.* —
3. Red-necked D^o. — *Rubricollis.* —

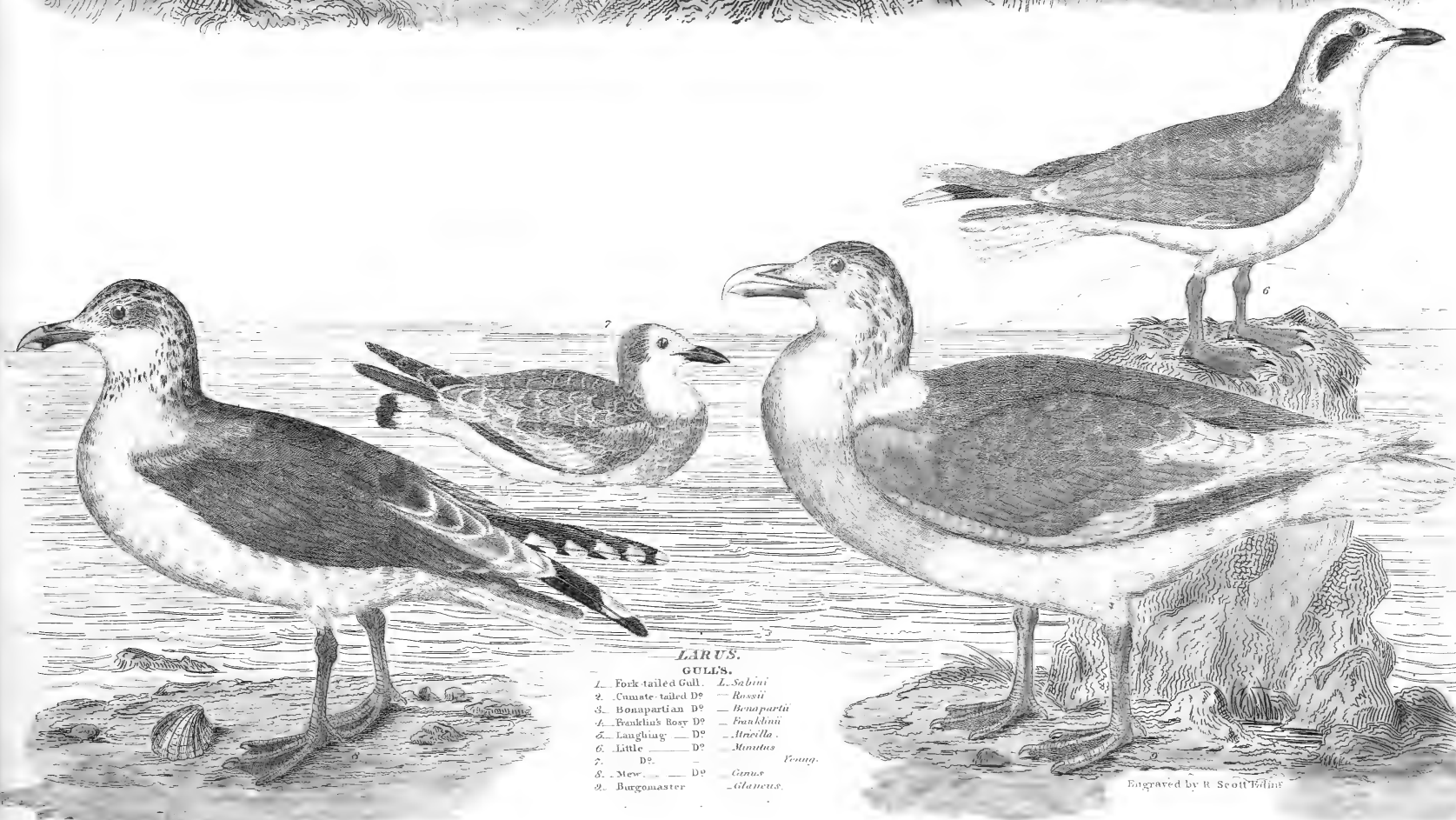
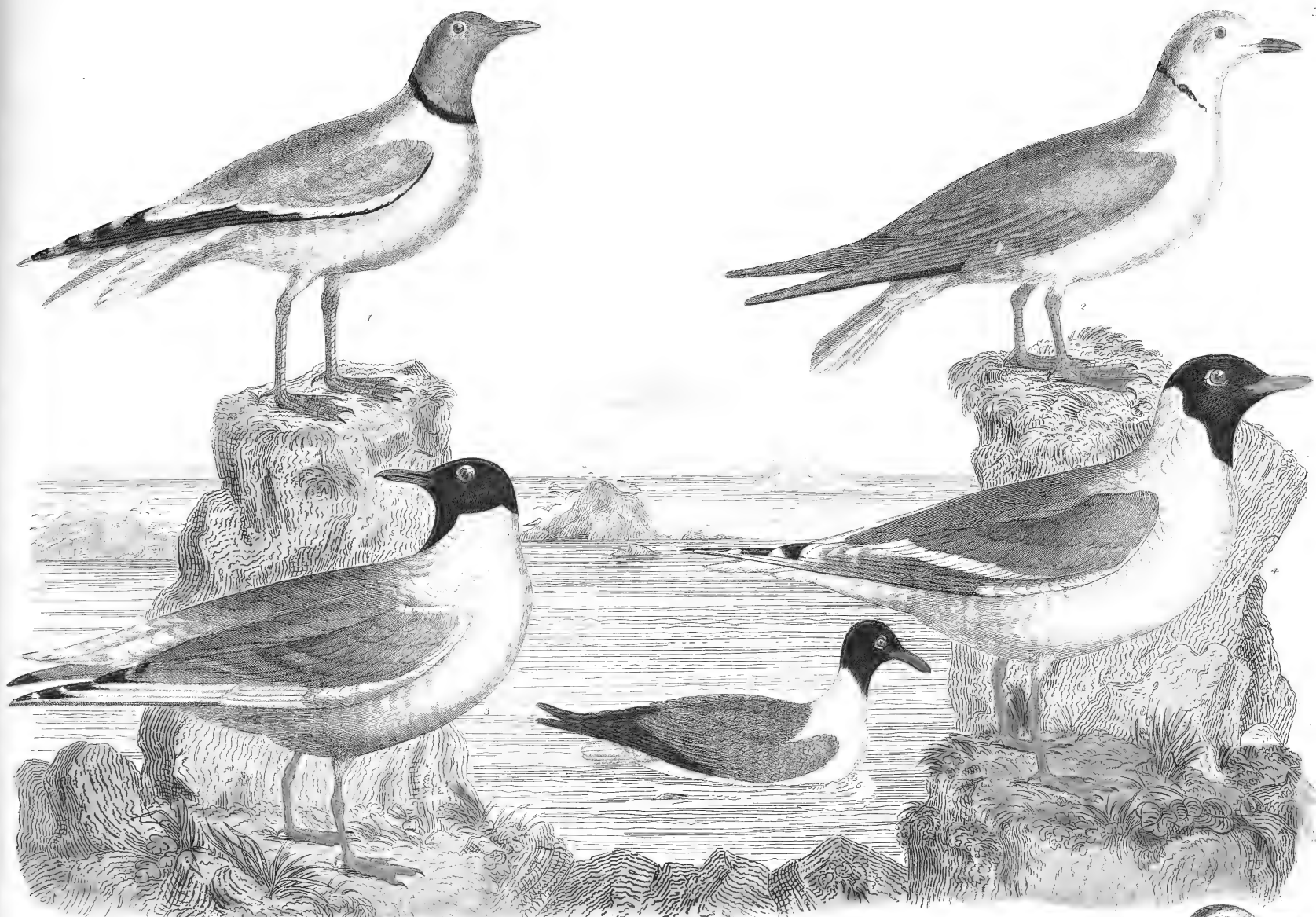
Engraved by James Thorey.





TERNI
TERNS

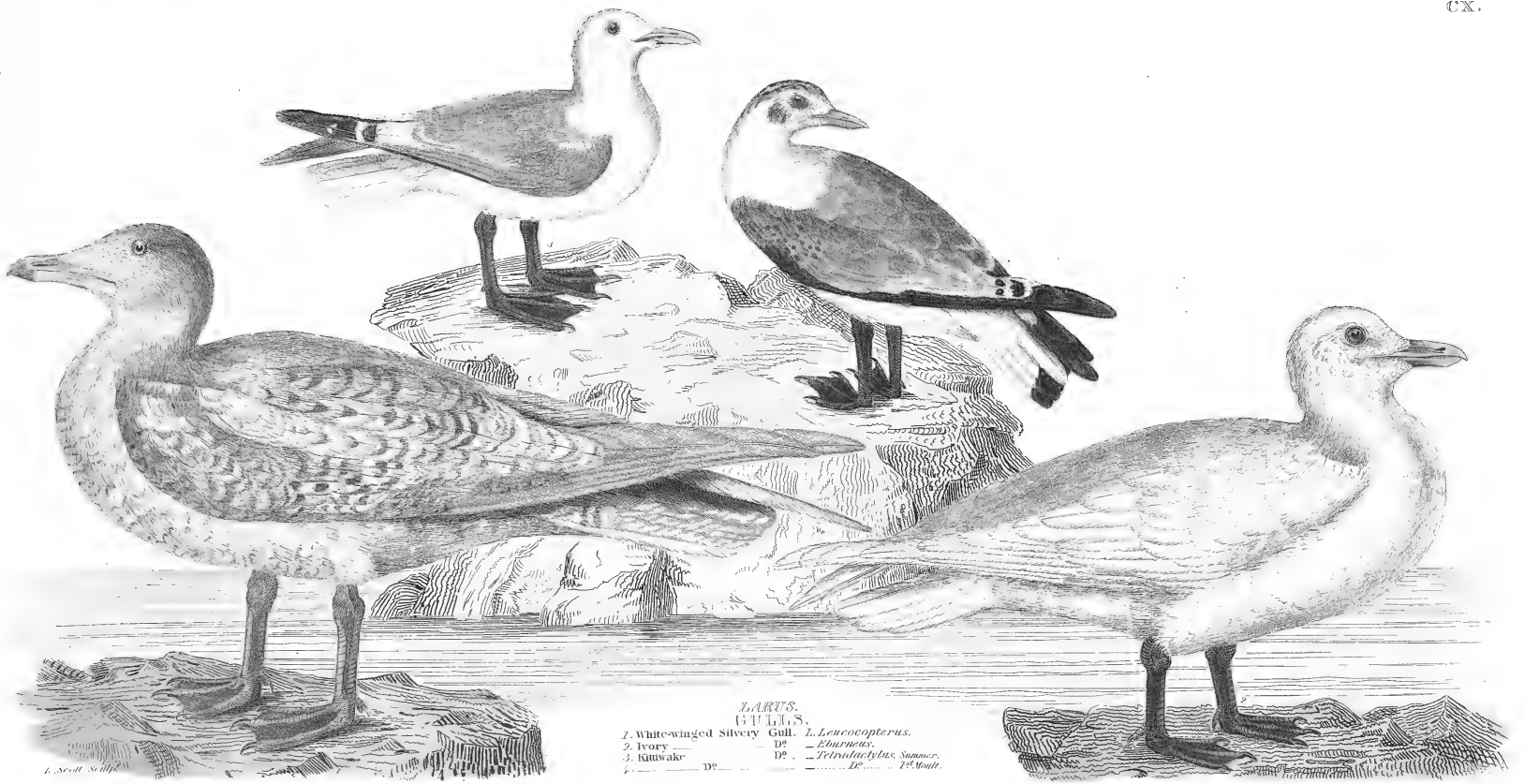
- | | |
|---------------------------|-------------------------|
| 1. Lesser Tern. S. Minus | 6. Marsh Tern S. maxima |
| 2. Sooty do. Delaphe | 7. Great do. Delaphe |
| 3. Black do. Major Summer | 8. Arctic do. Arctic |
| 4. do. Winter | |
| 5. do. Young | |



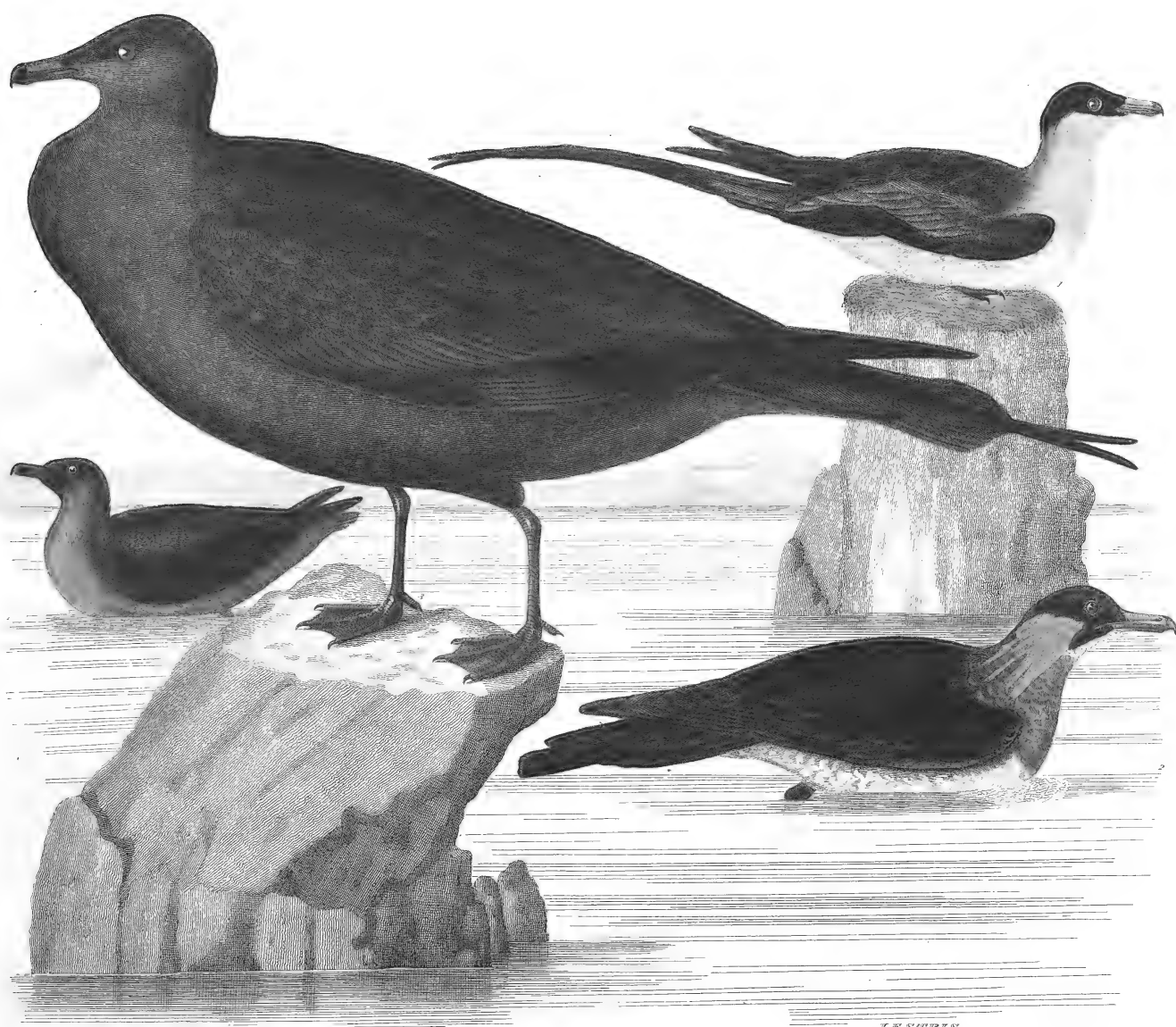
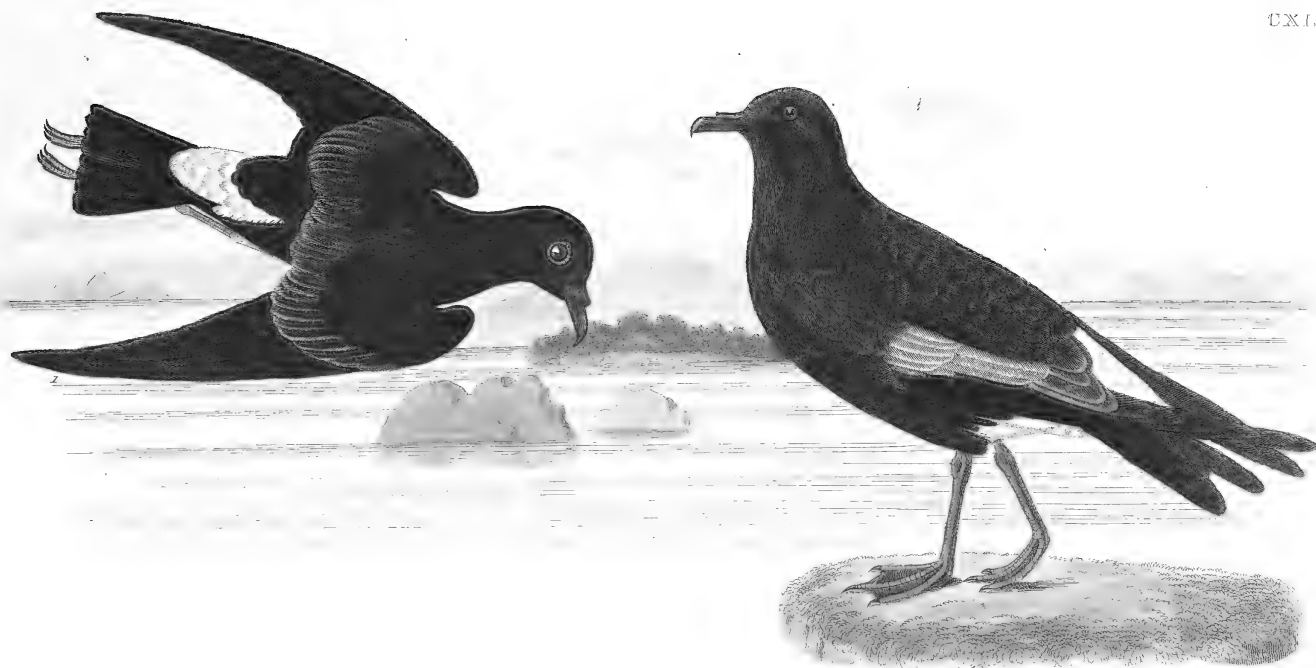
LARUS.
GULLS.

1. Fork-tailed Gull	<i>L. Sabini</i>
2. Bonaparte Gull	<i>L. Bonaparte</i>
3. Bonaparte Gull	<i>L. Bonaparte</i>
4. Bonaparte Gull	<i>L. Bonaparte</i>
5. Bonaparte Gull	<i>L. Bonaparte</i>
6. Bonaparte Gull	<i>L. Bonaparte</i>
7. Bonaparte Gull	<i>L. Bonaparte</i>
8. Bonaparte Gull	<i>L. Bonaparte</i>

Engraved by R. Scott Edin



LARUS.
GULLS.
1. White-winged Silvery Gull. *L. leucopterus.*
2. Ivory " *L. tharus.*
3. Kittiwake " *Pterodactylus. Summer.*
4. " " " *1st Molt.*



THALASIDROMA.
PETRELS.
1. Wilson's Petrel. *T. Wilsoni.*
2. Fork-tailed Dr. *Bullockii.*

LESTRIS.
SKUAS.
1. Arctic Skua. *L. Parasiticus.*
2. Pomarine P. *Pomarine.*
3. Richardson's D. *Richardsoni.*
4. Common D. *Galaractus.*

W. M. Gregg. Sc.

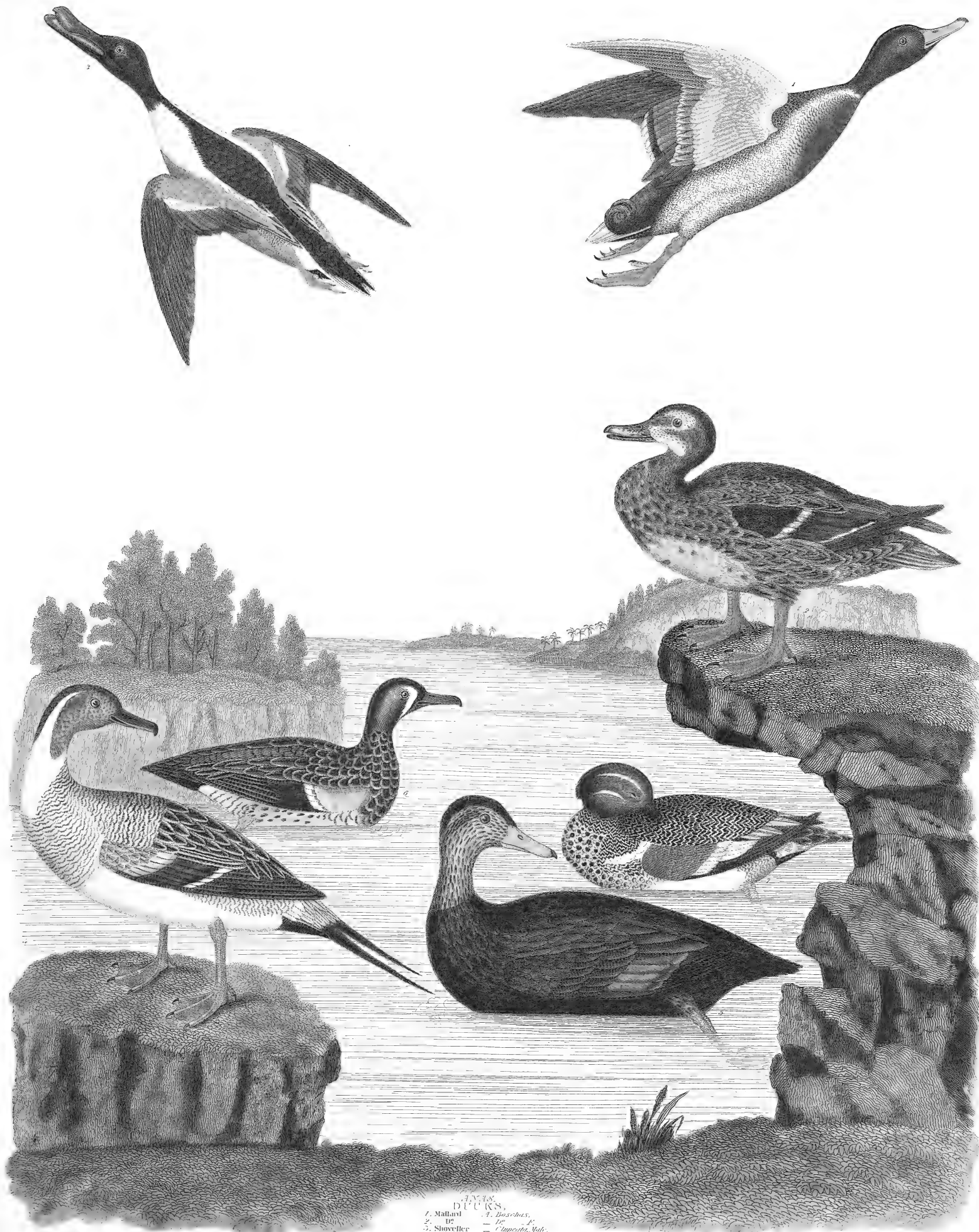
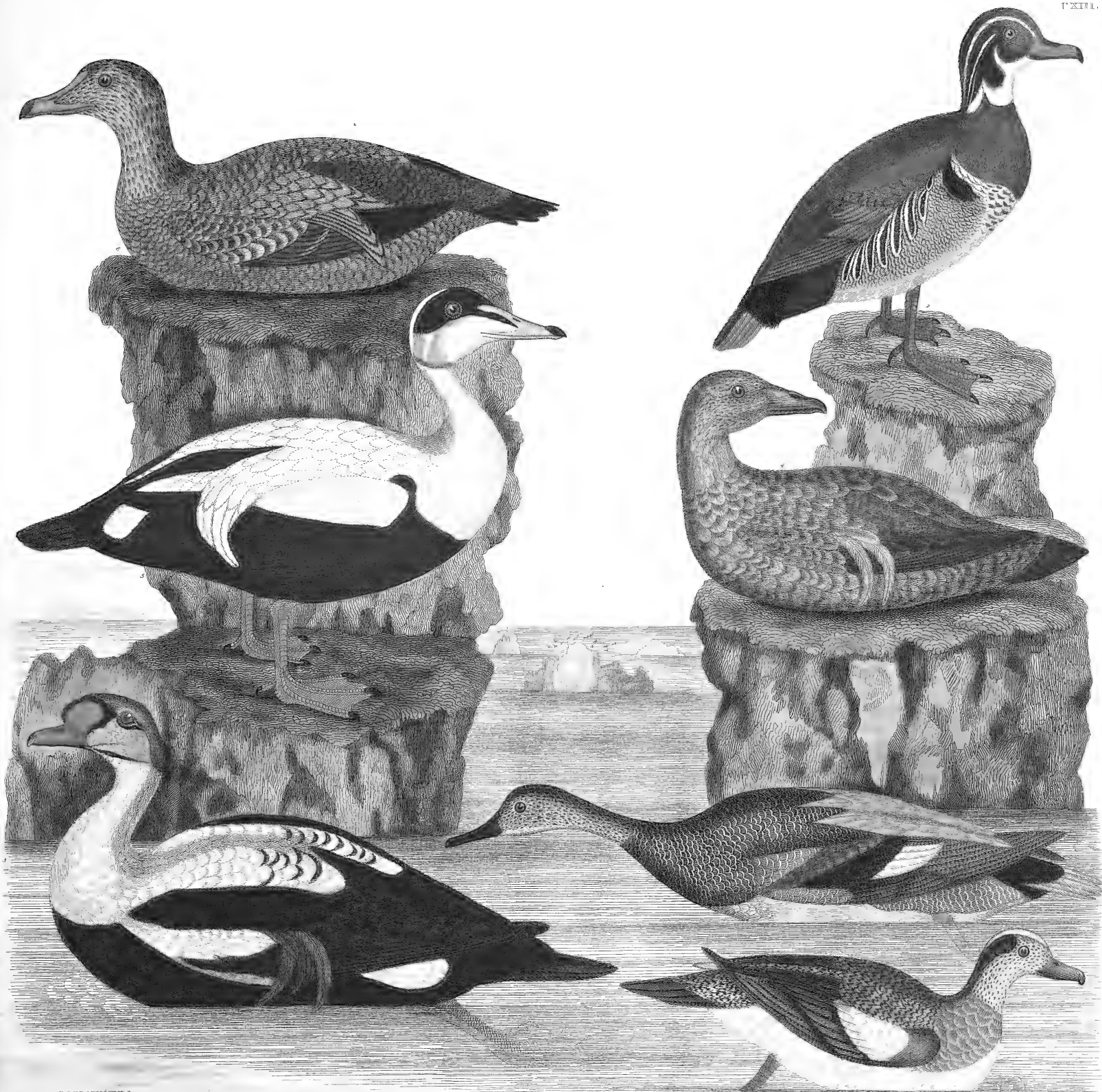


PLATE
DUCKS.
1. Mallard — *A. boschas.*
2. Pintail — *P. f.*
3. Shoveller — *Chapoda, Val.*
4. Pintail — *Scute. M.*
5. Dusky — *Obscura.*
6. Blue-winged — *Obscura.*
7. Green-winged — *Obscura.*



SOMATERIA.
EIDERS.

3. King Eider. 5. Spectabilis. M.
4. D. D. Pen.
5. Common D. Mollissima. M.
6. D. D. Pen.

CHAULIODUS STREPERA.
7. Common Catwall. M.

DENDRONESA SPONSA.
2. Summer Wood-duck.

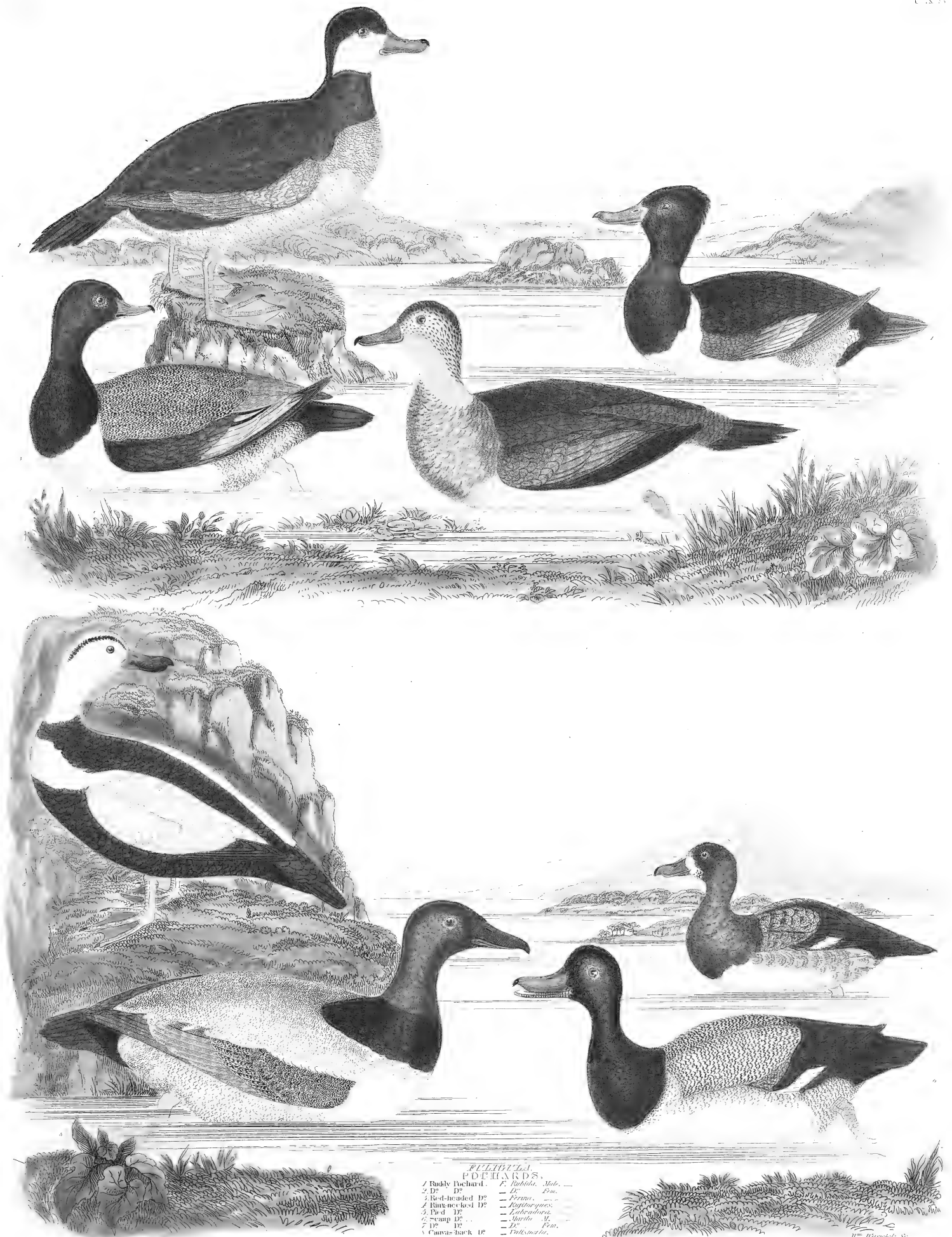
MARECA AMERICANA.
1. American Widgeon.

W. Davis Sc.



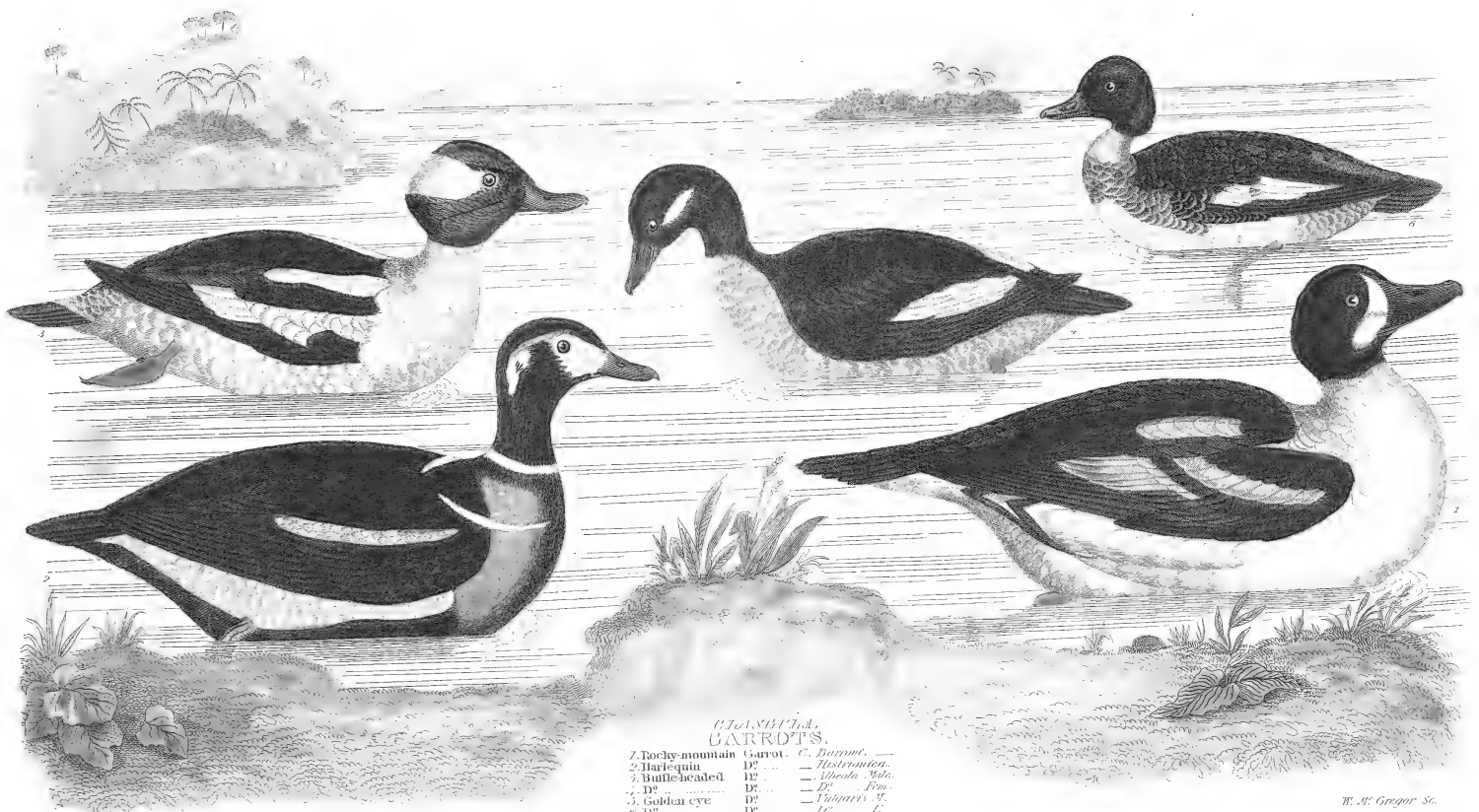
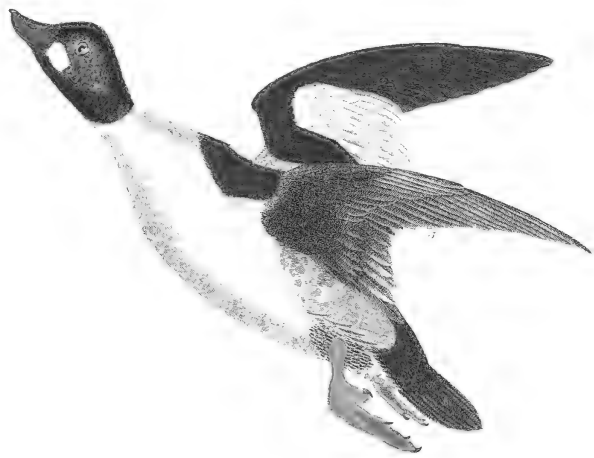
OIDEA.
SCOTERS.
1. Velvet Scoter. *O. fusca*.
2. American D. *Americana*.
3. Surf D. *Perspicillata*.

S. Mearns Sculp.



FULVULA
 POTHARDS.
 1. Budy Black. *F. Fulva, Mel.*
 2. D. D. *—* *—* *—*
 3. Red-headed D. *—* *—* *—*
 4. Ring-necked D. *—* *—* *—*
 5. Pied D. *—* *—* *—*
 6. Swamp D. *—* *—* *—*
 7. D. D. *—* *—* *—*
 8. Canvas-back D. *—* *—* *—*

W. M. M. S.

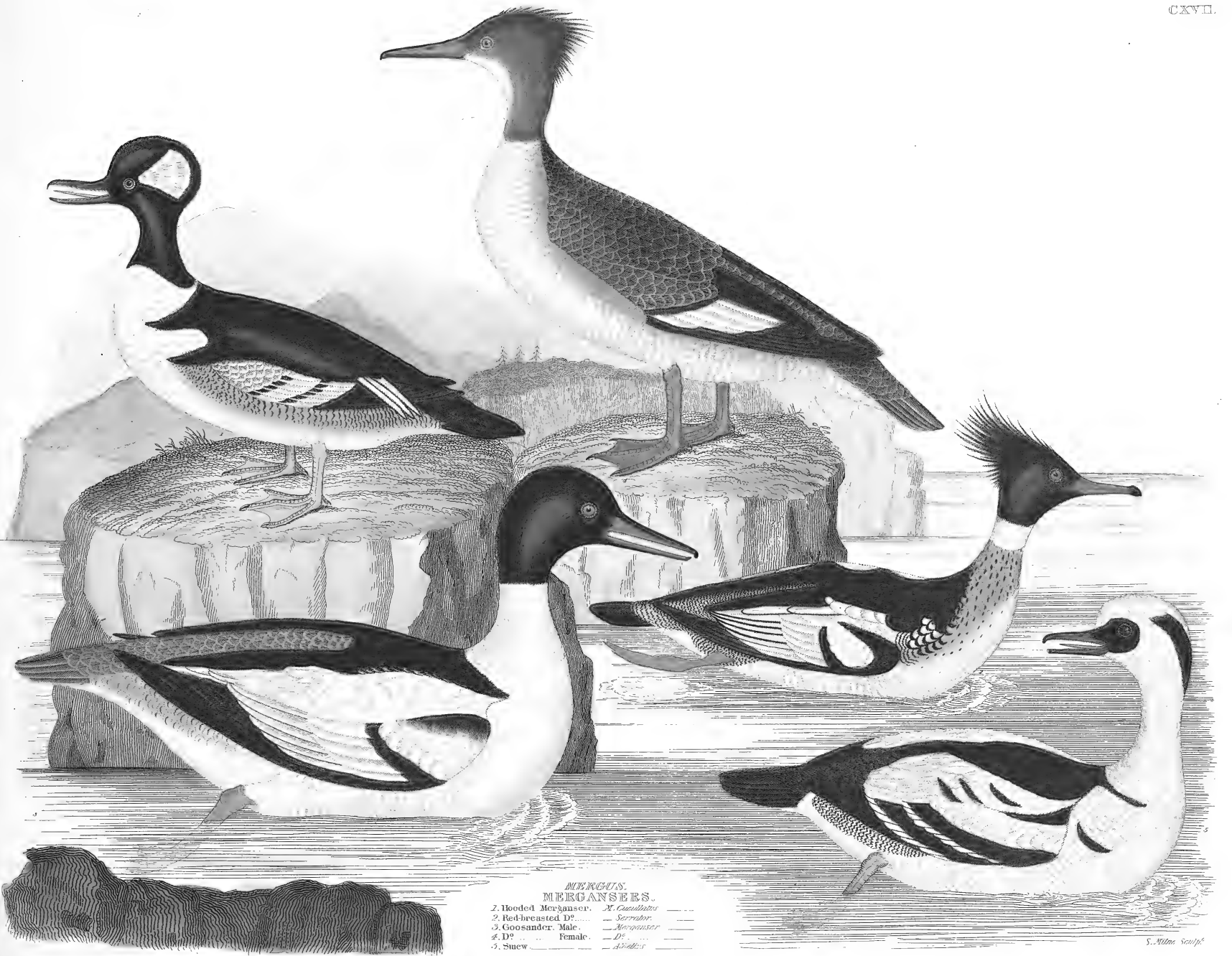


CLASIFICACION
CARROTS

1. Rocky-mountain	Carrot.	G. Duvoy.
2. Barlequin	D ^e	— Hudson.
3. Bottle-headed	D ^e	— Vireo. Nola.
4. D ^e	D ^e	— D ^e Fin.
5. Golden eye	D ^e	— D ^e F.
6. D ^e	D ^e	— D ^e F.
7. Long-tailed	Harold.	H. Chabot.
8. D ^e	D ^e	— D ^e Fin.

W. M. Gregor. Sc.

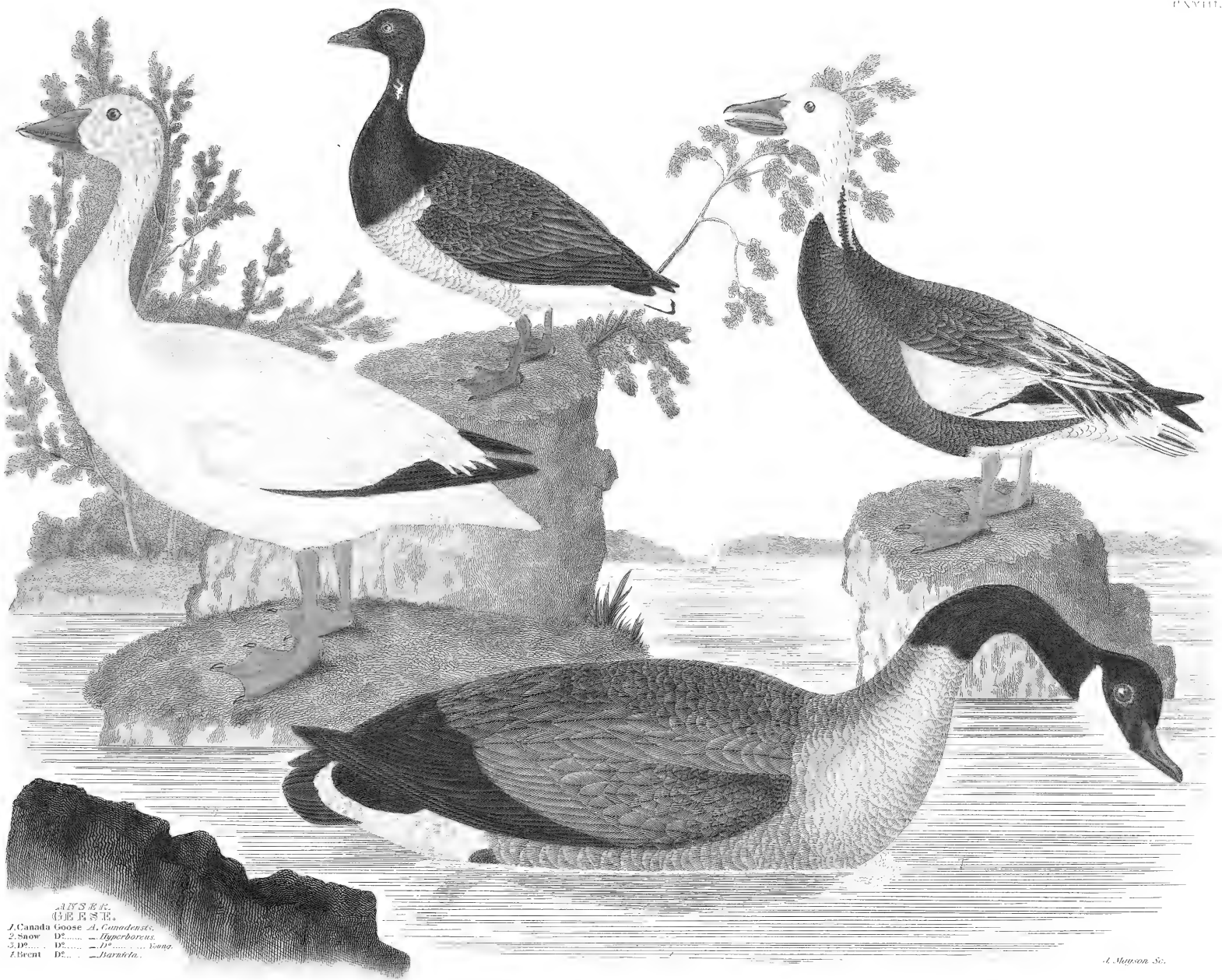




Mergus.
MERGANSERS.

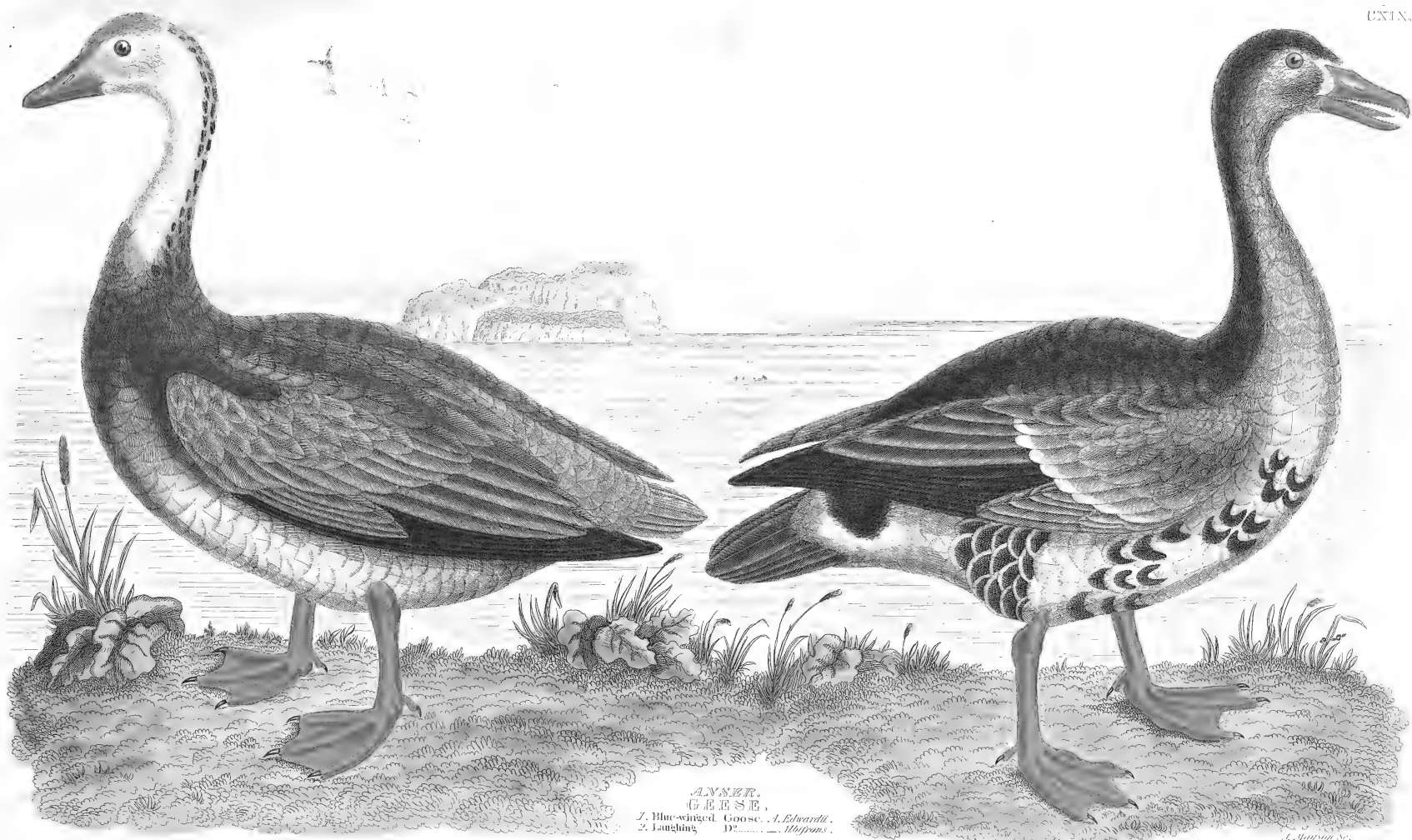
2. Hooded Merganser.	<i>M. caudatus</i>	_____
3. Red-breasted Diver.	<i>Serrator</i>	_____
3. Goosander. Male.	<i>Merganser</i>	_____
4. D ^o Female.	<i>Do</i>	_____
5. Scaup	<i>Anas</i>	_____

S. Wilson Sculp.



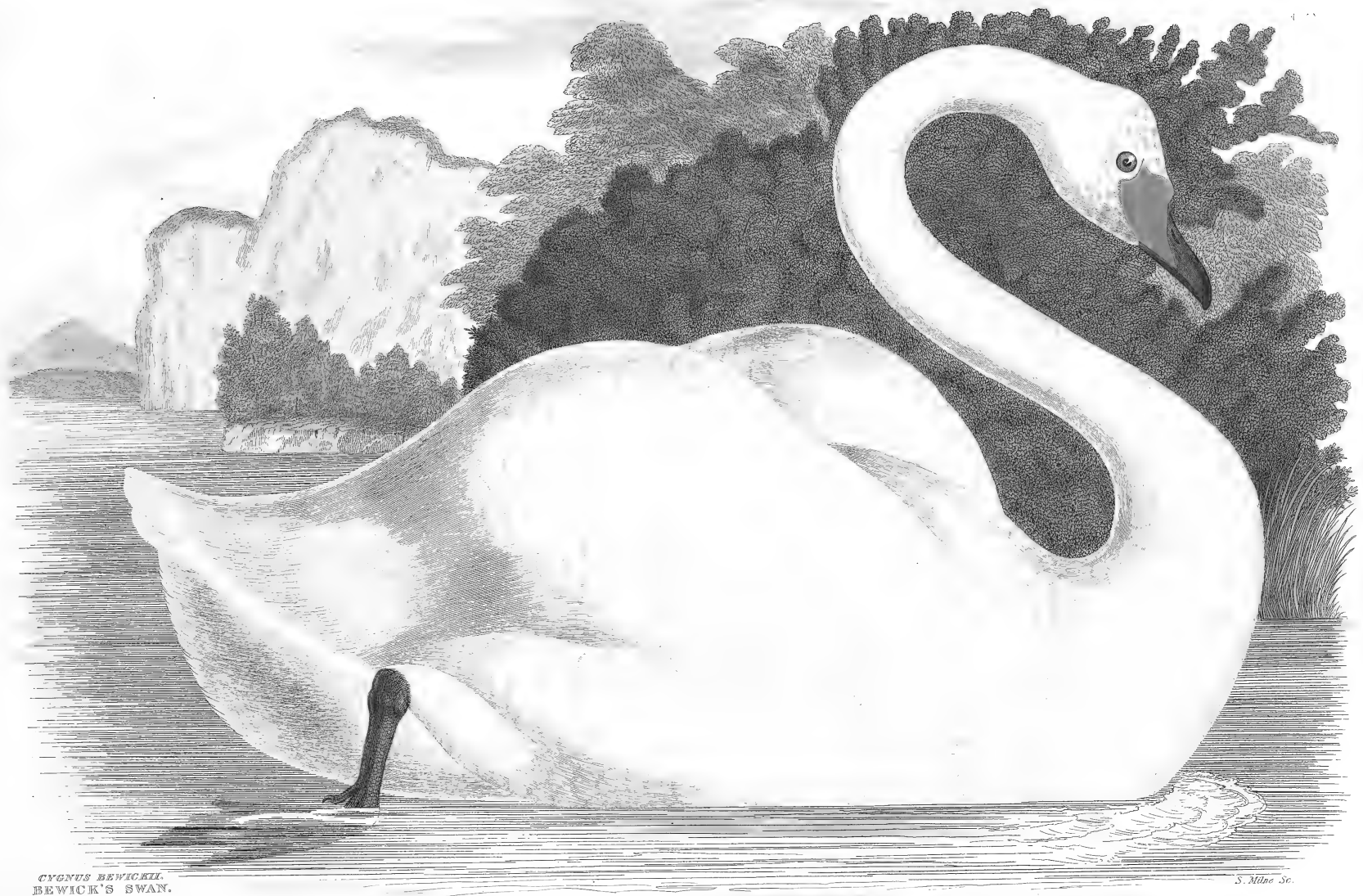
ANISSE.
GEESE.
1 Canada Goose *A. Canadensis*.
2 Snow *D.* *hyperborea*.
3 D. *D.* *longa*.
4 Brent *D.* *flavirostris*.

A. Wilson Sc.



ANSE.
G E E S E.
1. Blue-winged Goose. A. Edwards.
2. Laughing Goose. D. Whymers.

C. M.



CYGNUS BEWICKII.
BEWICK'S SWAN.

S. Milne Sc.

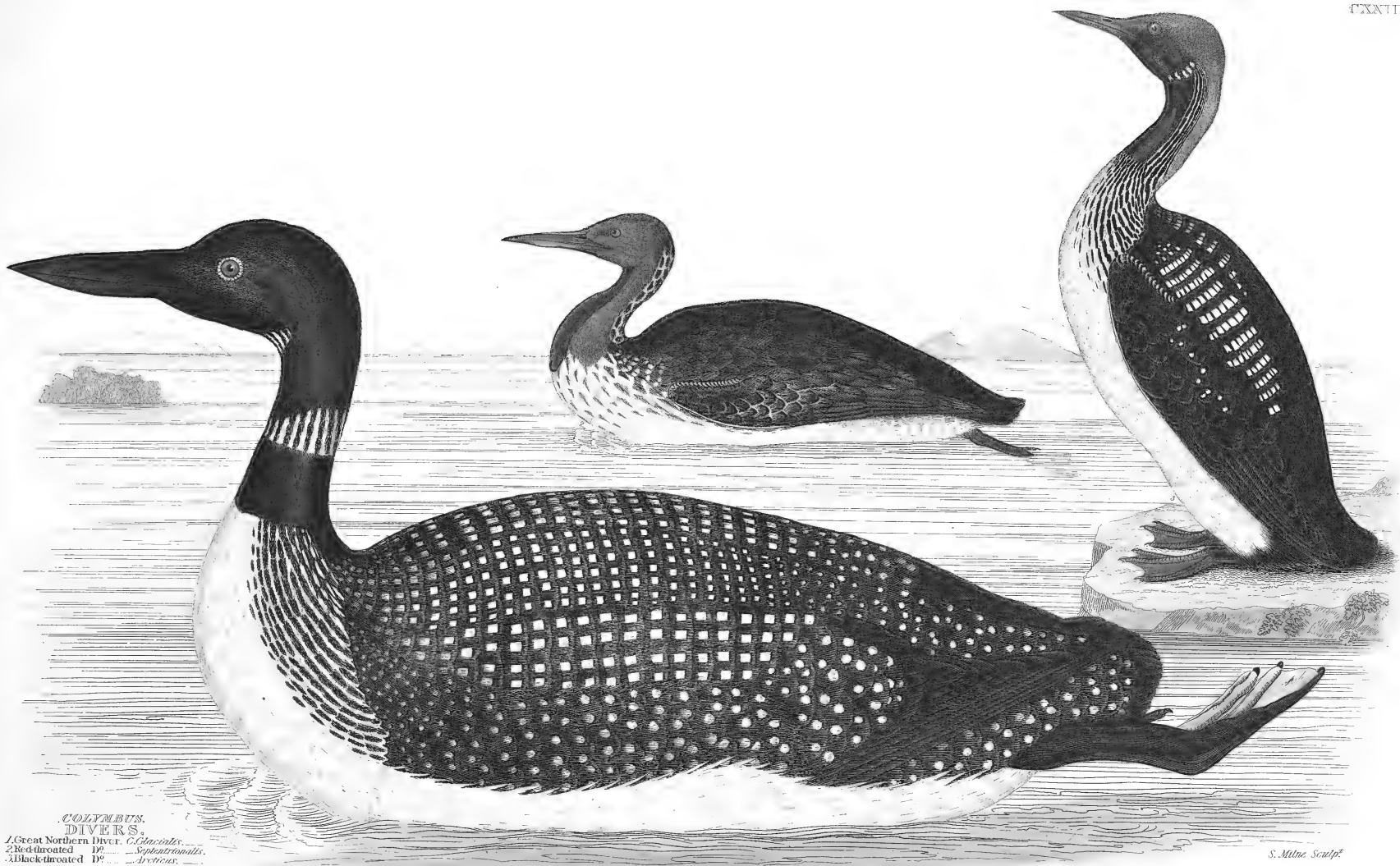


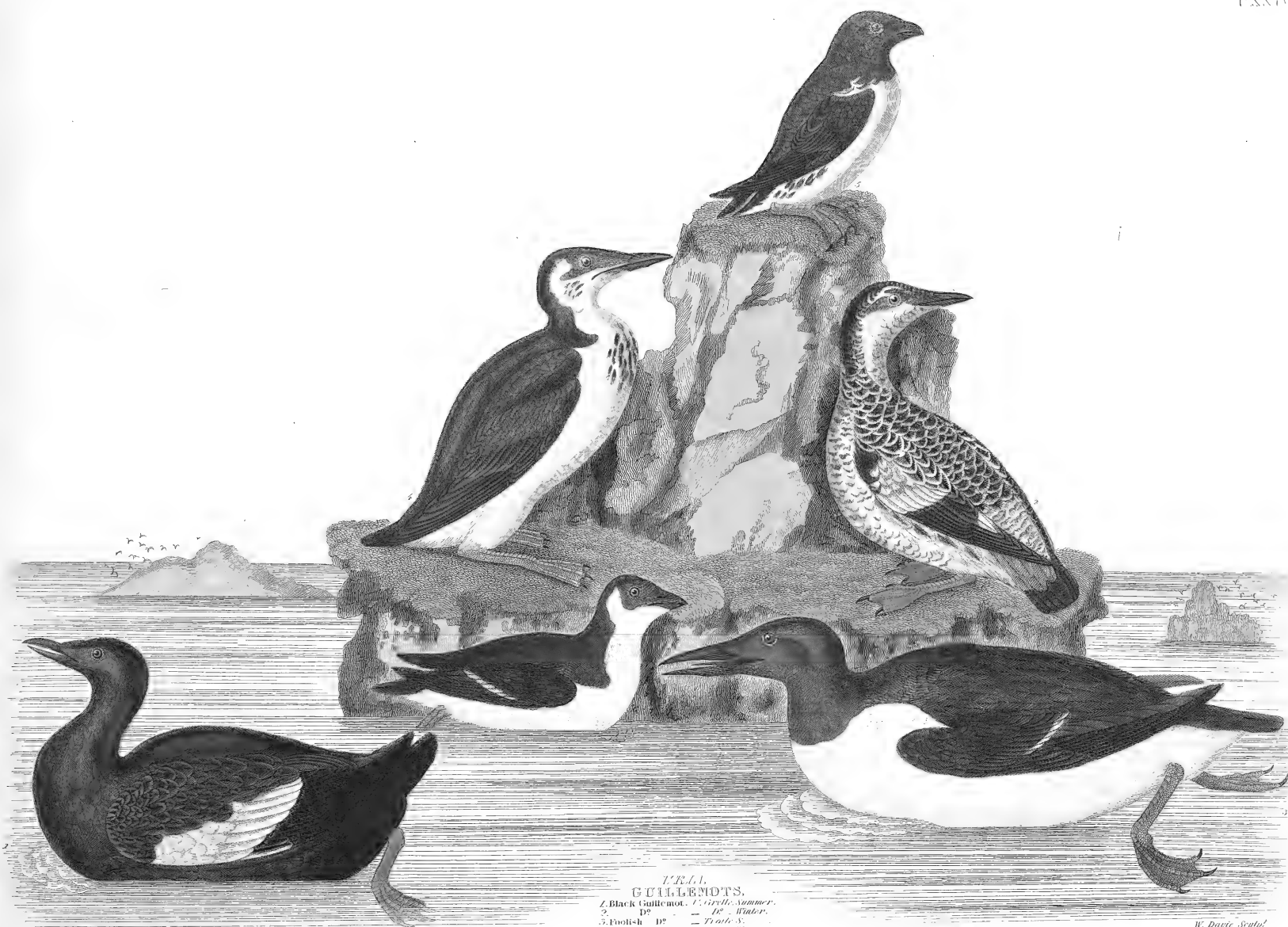
PELECANUS.
FUSCUS.
2. Brown Pelican. *P. fuscus*. —
2. White " " *P. onocrotalus*.

J. Macdonald del.



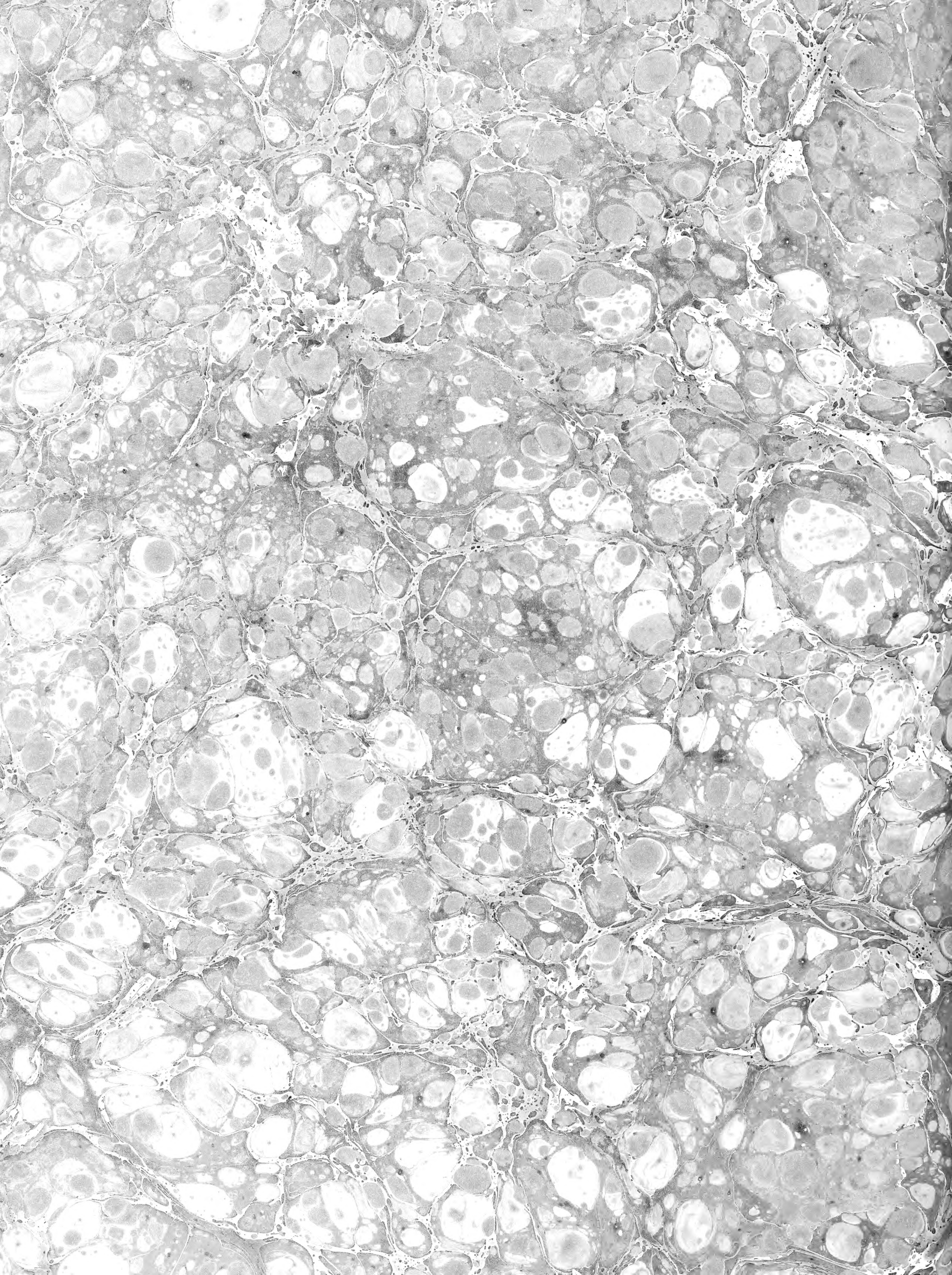
PLATYSTROPHIA.
DARTERS.
1. Black-bellied Darter. *P. heterolepis* Mear.
2. *P. ...* *P. ...* *P. ...*

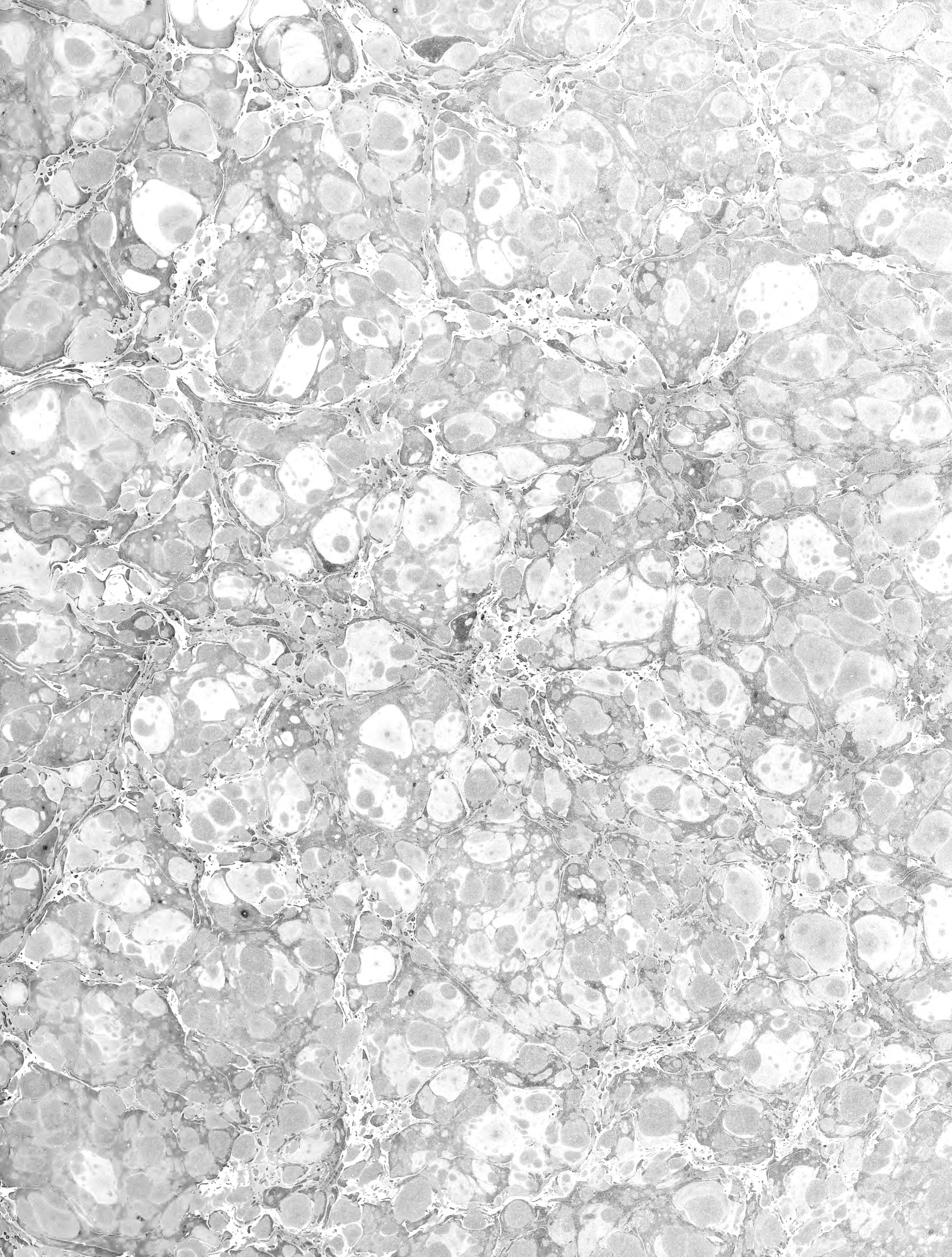




Y.R.L.L.
GUILLEMOTS.
 1. Black Guillemot. *U. cirrh. summer.*
 2. " " *" " winter.*
 3. " " *" " " "*
 4. " " *" " " "*
 5. " " *" " " "*
 6. " " *" " " "*

W. Doele. Sculp.





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